ILLUSTRATED DIGITAL IMAGING DICTIONARY pdf

1: - The Illustrated Digital Imaging Dictionary by Daniel; Grotta, Sally Wiener Grotta

The Illustrated Digital Imaging Dictionary [Daniel Grotta, Sally Wiener Grotta] on www.enganchecubano.com *FREE* shipping on qualifying offers. This book is heavily illustrated and covers terms. Definitions will vary in length from a sentence to several pages.

What is Dynamic Range? What is Colour Temperature? Absolute Colorimetric Rendering is matching the colours in the destination color space exactly to the colors of the source color space. By definition this match is relative to the source colour space white point. Where a color is outside the gamut of the destination color space it is mapped to the nearest in gamut colour. Acutance Acutance is a measure of apparent Sharpness. It is not true sharpness because its possible to increase acutance making an image appear sharper without increasing actual resolution. Increased acutance is done by increasing the edge contrast in an image, typically by adding and thin light and thin dark line along edges. Additive Synthesis Additive Synthesis is the method of simulating many colours using a small number of primary colors, usually Red Green and Blue. The synthesis is said to be additive because pure Red Green and Blue light combined results in white light. Like sRGB it has a gamma of 2. Adobe RGB was intended to reflect the printable colours of common colour printers of the day. Air Brush Air Brush is the name of a small compressed air driven tool that can be used to spray atomized droplets of ink onto a surface. The technique was extensively used to alter photographs in the pre-digital era. In digital photography Air Brushing refers to digitally retouching an image in order to enhance its appearance. Aliasing Aliasing can be thought of as digital junk. See also Anti-Aliasing Alpha Channel An alpha channel is a method of associating additional pixel related data with an image. In Photoshop alpha channels are used to store selections. The selections can be simple outlines or describe precisely how one image layer is blended with another. Anti-Aliasing Anti-aliasing is a digital filter applied to a digital image in order to minimize the effect of aliasing. The image is re-sampled via a mathematical algorithm in order to render the image more ideally Aperture An aperture is a hole or opening. In photography the aperture refers to the size of the hole that lets light through a lens. Variable aperture is used to control exposure and depth of focus in a photograph. Artifact A digital artifact is unwanted junk as a result of some digital process. In this case a profile can be assumed. Often when resaving an image with an assigned profile, the profile is actually embedded into the image. Assumed Profile An ICC profile is not always embedded in an image but it is often known in what colour space the image was created. An example is images published on the internet where the sRGB profile is assumed. Of course if the profile is assumed incorrectly the rendering of colors in the image will be wrong. Banding Banding occurs where there is a breakdown in the smooth transition of tones in an image. Banding is characterized by a sudden change in tone with a visible edge rather than a smooth transition. It occurs because the image or output device has insufficient tones to create a smooth transition. Barrel Distortion Barrel distortion is a very common type of lens distortion. Instead of projecting the image with correct geometry barrel distortion causes straight lines to appear to bow outwards. This is most noticeable towards the edge of a projected image. Bitmap A Bitmap is a way of describing an image composed of Pixels. In Photoshop "setting the black point" refers to matching the darkest black in a digital image to the darkest black of the output device. Black Point Compensation Black Point Compensation was developed by Adobe and ensures that the maximum black of an output device is mapped to the maximum black of an input device during a colour conversion. Bounce A Bounce is used by a photographer to create a softer light and fill in harsh shadows when capturing an image. A bounce is literally a semi-reflective surface from which to reflect the main illuminating light key light. Brightness Brightness describes the subjective response of a person to light intensity. Brightness perception varies from person to person because it is a response to an apparent light source not a property of the actual light source. For example most digital cameras capture many more colours than can be represented by a JPEG in the sRGB colour space a common output format for consumer cameras. Working with Camera Raw files is less convenient for the user because they require further processing but the final result can be far superior. A canvas can be the same size as the main part of the image but if a white or coloured border is required the canvas can be made larger than the main image area. Chromatic Aberration

Chromatic Aberration is a lens distortion where colour fringes appear around objects. Chromatic Aberration is a failure of a lens to focus all wavelengths of light in the same place. It is most pronounced at boundaries between light and dark areas. It also tends to be more noticeable at the edge of images. Clipping Path A Clipping Path is a selection or alpha channel that identifies which parts of an image are transparent and which are visible. Selective clipping can allow parts of a background image to be seen through a foreground image. Cloning Cloning is reproducing a small section of an image elsewhere in the image. It is usually done when retouching an image to remove unwanted detail or to exaggerate existing detail. Close Up Lens A Close Up Lens is a simple secondary lens that is placed over a primary lens to reduce its focusing distance. This results in magnification of the projected image. CMYK is used largely in printing and is known as a subtractive colour model - the less of each colour printed, the closer you get to white white paper. Color Balance Colour Balance is the relative mix of component colours e. Colour Balance adjustments are usually done to remove global colour casts from images. Colour Depth See Bit Depth Colour Management Colour Management is the name given to the science and process of maintaining accurate colour between various input and output devices. The goal is to capture or render colour in a consistent way no matter what the device. Colour Rendering Index Colour Rendering Index is an objective measure of the ability of a light source to reproduce the colours of objects faithfully in comparison to natural daylight. High CRI lights are essential for Print Viewing and Assessment Colour Space A colour space is a range of colours gamut described in absolute terms with the use of a colour model. It is a sub-set of all possible colours. The absolute reference is usually a standardized description of colour such as CIEXYZ but can be any absolute reference such as a pantone colour swatch. Lower temperatures are redish and higher temperatures blueish. Crop Factor Sometimes referred to as magnification factor. This is because the sensor is recording only the central portion of a larger projected image. The image appears magnified because the central portion of the image is spread out across all the pixels of the sensor. D-Max D-max is the maximum density that can be achieved by a material such a ink on paper. Digital Image An image composed of binary data ones and zeros usually created by a computer or other binary device. Most digital image are composed of elements known as Pixels but are created using vectors. It refers to the number of dots a printer makes in each direction. So a printer that outputs at dots per inch will put down x dots per square inch. This is quite different to a pigment that does not react with but instead coats the material. Dynamic Range When applied to digital imaging, Dynamic Range is the ratio of the whitest white to the darkest black distinguishable and recordable on a device. For a digital camera this is a measure of the contrast range the sensor can capture. For a printer this is the difference between paper white and the most dense printable black. Exposure Bracketing Exposure bracketing is the process of taking multiple pictures of the same scene using varying exposures. The techneque is very useful for tricky exposures of contrasty scenes. During post processing the photographer will choose the best exposure. Gamut A Colour Gamut is a range of destinct colours. Often Gamuts are displayed as 3 dimensional plots of colour. In this way the measured gamuts of various output devices can be compared. Gamut Warning If a colour is outside the set of colours that a device can reproduce it is said to be "Out Of Gamut". Photoshop has a Gamut Warning feature that highlights the parts of an image that cannot be reproduced on the output device. Grayscale Grayscale is a fancy way of saying Black and White. The pixels in a grayscal image are described only in terms of intensity rather than intensity and colour as is the case with coloured images Highlight Clipping When lightening an image it is possible to cause near white tones to become white, resulting in a loss of highlight detail. Bicubic Interpolation is particularly good for very detailed images such as photographs Interpolation - Bilinear Bilinear Interpolation is used in digital imaging when resizing an image to create a new set of pixels from the initial set. In most cases Bicubic Interpolation is better because it use more data points to calculate the new pixel values Interpolation - Nearest Neighbour Nearest Neighbour Interpolation is used in digital imaging when resizing an image to create a new set of pixels from an initial set. JPEG provides a way of compressing images to save storage space. A user can select the amount of compression but the more the compression the lower the image quality because image data is lost in the process. In digital imaging it is used to express Colour Temperature Magnification Ratio Magnification Ratios describe the size of an image projected through a lens relative to the size of the subject being projected. In digital photography the size of the projected image

is measured at the digital sensor. A ratio of 1: In practical terms this means it cannot be reproduced by the output device. An open standard for saving,reading and exchanging documents irrespective of operating system. A PDF document often contains text and images along with detailed descriptions of how those elements should be rendered. Fonts and colour profiles can be embedded in the document. As in - "We bagged some great pix from opening night!

2: Digital Imaging translation English | German dictionary | Reverso

The illustrated digital imaging dictionary. [Daniel Grotta; Sally Wiener Grotta] -- This practical guide to digital imaging defines terms likely to be encountered in product documentation. It aims to demystify digital imaging technology, and includes an overview of the field.

3: A Glossary of Digital Photography Terms | B&H Explora

An ideal sourcebook for anyone with an interest in photography, entries include words associated with shooting techniques, digital imaging terms, specialized photographic subgenres, the science of photography, and notable photographers.

4: Sally Weiner-Grotta (Author of The Illustrated Digital Imaging Dictionary)

Illustrated Digital Imaging Dictionary by Sally Wiener Grotta. McGraw-Hill Inc.,US, This book has soft covers. Ex-library, With usual stamps and markings, In fair condition, suitable as a study copy.

5: www.enganchecubano.com | Meanings and Definitions of Words at www.enganchecubano.com

A technical editor for Rangefinder magazine, she is the author of numerous digital imaging books, including Beginner's Guide to Adobe Photoshop Elements, Digital Photography , The Practical Guide to Digital Imaging, and Professional Portrait Lighting. They both live in Buffalo, New York.

6: - The Illustrated Digital Imaging Dictionary by Daniel; Grotta, Sally Wiener Grotta

Illustrated Dictionary of Photography: The Professional's Guide to Terms and Techniques for Film and Digital Imaging by Barbara A Lynch-Johnt, Michelle Perkins starting at.

7: Illustrate | Definition of Illustrate by Merriam-Webster

Sally Weiner-Grotta is the author of The Illustrated Digital Imaging Dictionary (avg rating, 0 ratings, 0 reviews, published).

8: Digital Imaging translation English | Spanish dictionary | Reverso

Get this from a library! Illustrated Dictionary of Photography: the Professional's Guide to Terms and Techniques for Film and Digital Imaging.. [Barbara A Lynch-Johnt; Michelle Perkins] -- Cataloging everything from historic photographic processes to the latest advances in digital technology, this reference contains nearly 5, entries explaining the terms and techniques of.

9: Illustrated Dictionary of Historic Architecture (Dover Architecture) | | Free PDF Ebooks Downloads

Illustrated Dictionary of Photography: The Professional's Guide to Terms and Techniques for Film and Digital Imaging by

ILLUSTRATED DIGITAL IMAGING DICTIONARY pdf

Lynch-Johnt, Barbara A, Perkins, Michelle and a great selection of similar Used, New and Collectible Books available now at www.enganchecubano.com

Proceedings of the Professional Preparation Conferences Guide to research in Russian history John Tyler Morgan Edmund W. Pettus . Letters of Paul to Timothy and Titus. The Professional Personal Chef I. Principal Tenets of Socialism Incompatible with Religion 204 The Ravenmasters Secret Engineering fluid 7th munson solution manual Russian corporate capitalism fromPeter the Great to perestroika V. 2. Establishing community arts centres or performing arts facilities Directions in robust statistics and diagnostics Working in the Vineyard of the Lord Woman in the Dark783 Wellness Foods A to Z The presidents and executive directors of the NEA and the ATA St. Augustine and Christian Platonism, by A. H. Armstrong. Exploring Transportation Water measurements of all kinds From cover Volunteer mess song Manual de la siget el salvador Preparation and analysis of financial statements Precedents: Twelve education models The Brotherhood dossiers : insider info on each brother and his book Ad-Dawla wad-Din: the governments hopes for religious harmony 2002 toyota avalon repair manual Prayer of the children ssaa Nerves, muscles, and electricity Forty Fun Bible Puzzles for Kids #03 the First the Biggest and the Best Supplemental hearings on the Treasury and Post Office Departments appropriation bill, 1949. An Intimate Note to the Sincere Seeker; Volume 4: July 30, 1998 to July 28, 1999 Mastering the nikon d7000 by darrell young Bruegel to Rubens The racial problem of tomorrow: the Japanese question Society pays the high costs of minimal brain damage in America Have You Ever Made Mud Pies On A Hot Summer Day? Interpreting Lysis The Alpha and Omega Contemporary nursing issues trends management 7th ed Nonproliferation regimes Building a profitable practice