

Converting Colors

CIELCh(88, 9.658, 100.529)

Have a look what the booklet for
CIELCh(88, 9.658, 100.529) contains.

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Color

CIELCh(88, 9.464, 100.363)

Conversions

Conversions Part 1

Format	Color
Hex	E1DDCB
RGB	225, 221, 203
RGB Percent	88%, 87%, 80%
CMY	0.1175, 0.1331, 0.2037
CMYK	0.00, 0.02, 0.10, 0.12
HSL	49°, 27%, 84%
HSV	49°, 10%, 88%
XYZ	67.7185, 72.0653, 66.8686
YIQ	220.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

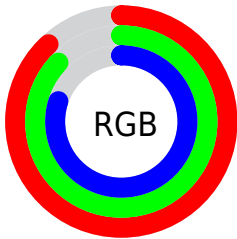
Format	Color
R _Y B	208, 225, 203
Decimal	14802379
CIE Lab	88.00, -1.70, 9.31
CIE LCh	88, 9.464, 100.363
Yxy	72.0653, 0.3277, 0.3487
Android (android.graphics.Color)	4292992459 (0xFFE1DDCB)
YUV	220.1440, -8.4520, 4.2587
Hunter-Lab	84.8913, -6.1688, 12.7213

Details

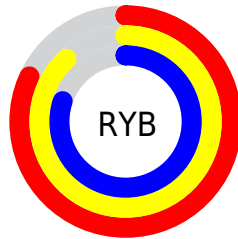
The CIELCh color **88, 9.464, 100.363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 9.590, 282.660**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 9.443, 99.584** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.212, 99.230**, and if you desaturate by 10%, it is **90, 0.227, 282.218**.

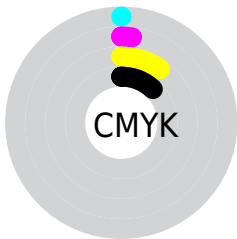
Distribution



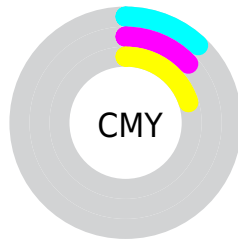
- Red (88%)
- Green (87%)
- Blue (80%)



- Red (82%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.464, 100.363 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 9.464, 100.363 by changing the saturation by 10% instead.

 88, 9.464, 100.363

 88, 9.464, 100.363

 100, 9.464,
100.363

 78, 9.464, 100.363

 68, 9.464, 100.363

 58, 9.464, 100.363

 48, 9.464, 100.363





















 38, 9.464, 100.363

 28, 9.464, 100.363

 18, 9.464, 100.363

 8, 9.464, 100.363

 0, 9.464, 100.363

 88, 9.464, 100.363	 88, 9.464, 100.363
 86, 19.212, 99.230	 90, 0.227, 282.218
 85, 28.965, 98.052	 91, 9.842, 282.604
 84, 38.643, 96.853	 92, 11.496, 276.991
 82, 48.099, 95.641	 93, 9.906, 265.924
 81, 57.086, 94.423	 94, 8.805, 251.493
 80, 65.197, 93.201	 96, 8.380, 234.442
 79, 71.833, 91.962	 97, 8.720, 217.289
 77, 76.272, 90.671	 98, 9.739, 202.635
 76, 78.299, 89.285	 98, 10.157, 198.829

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



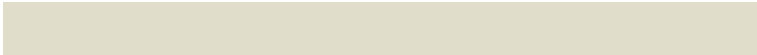
88, 9.464, 100.363



83, 9.590, 282.660

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 9.464, 100.363



88, 9.464, 150.363



88, 9.464, 280.363



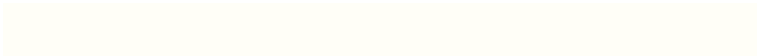
88, 9.464, 330.363

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 9.466, 100.375



99, 3.199, 101.096



84, 8.393, 5.375



53, 2.428, 101.018



0, 0.000, 0.000



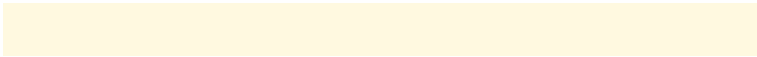
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 9.466, 100.375



98, 12.871, 100.115



88, 11.720, 121.888



46, 5.485, 100.412



61, 65.272, 89.506



16, 23.510, 92.266

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 9.590, 282.660



92, 13.071, 282.957



83, 11.945, 302.989



44, 5.555, 282.618



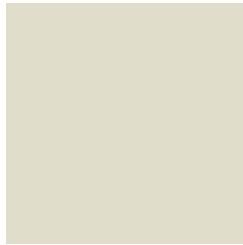
24, 90.054, 302.927



4, 27.689, 291.744

Previews

White Background



This preview shows how the CIELCh color 88, 9.464, 100.363 looks on a white background.

Color Contrast Check

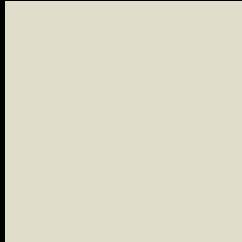
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 9.464, 100.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

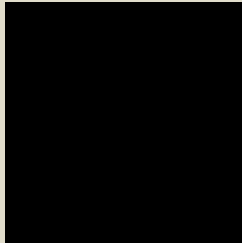
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

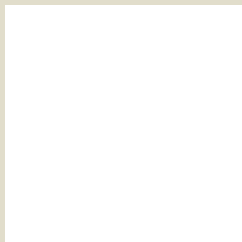
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.464, 100.363

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.464, 100.363.

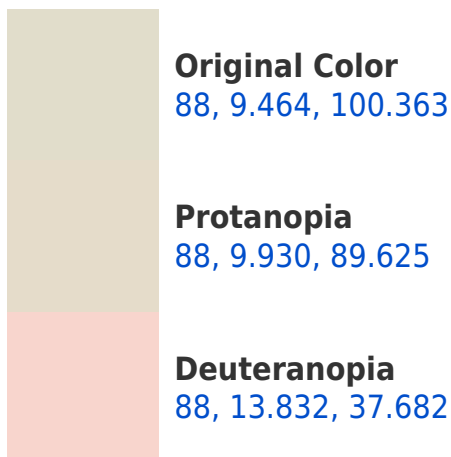


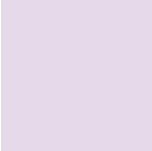
This preview shows how white text looks on a background with the CIELCh color 88, 9.464, 100.363.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

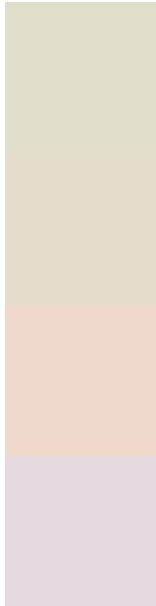
Dichromacy





Tritanopia
88, 9.892, 316.203

Trichromacy



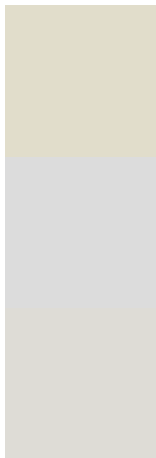
Original Color
88, 9.464, 100.363

Protanomaly
88, 9.811, 91.691

Deuteranomaly
88, 10.961, 54.474

Tritanomaly
88, 4.469, 343.911

Monochromacy



Original Color
88, 9.464, 100.363

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.194, 96.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.464, 100.363 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 221, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.464, 100.363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 221, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 221, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 221,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.464, 100.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
221, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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