

Converting Colors

CIELCh(88, 5.698, 35.547)

Have a look what the booklet for
CIELCh(88, 5.698, 35.547) contains.

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Color

CIELCh(88, 5.698, 35.547)

Conversions

Conversions Part 1

Format	Color
Hex	E9DAD7
RGB	233, 218, 215
RGB Percent	91%, 85%, 84%
CMY	0.0879, 0.1467, 0.1585
CMYK	0.00, 0.06, 0.08, 0.09
HSL	10°, 29%, 88%
HSV	10°, 8%, 91%
XYZ	70.6431, 72.0653, 74.1978
YIQ	222.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

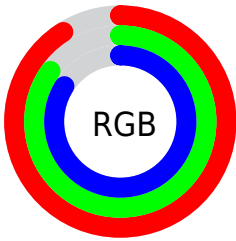
Format	Color
R _Y B	233, 219, 215
Decimal	15325911
CIE Lab	88.00, 4.64, 3.31
CIE LCh	88, 5.698, 35.547
Yxy	72.0653, 0.3257, 0.3322
Android (android.graphics.Color)	4293515991 (0xFFE9DAD7)
YUV	222.1430, -3.5215, 9.5216
Hunter-Lab	84.8913, -0.0192, 7.6025

Details

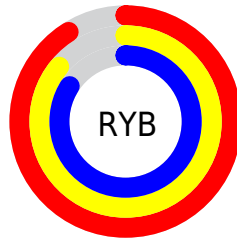
The CIELCh color **88, 5.698, 35.547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 5.425, 215.914**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.669, 36.624** is the 20% darker color. If you saturate the color by 10%, you get **83, 13.619, 35.688**, and if you desaturate by 10%, it is **93, 1.603, 216.118**.

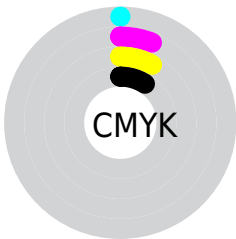
Distribution



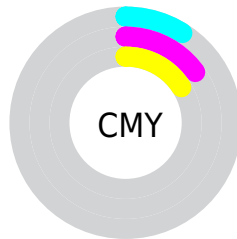
- Red (91%)
- Green (85%)
- Blue (84%)



- Red (91%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.698, 35.547 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, 5.698, 35.547 by changing the saturation by 10% instead.

88, 5.698, 35.547

88, 5.698, 35.547

100, 5.698, 35.547

78, 5.698, 35.547

68, 5.698, 35.547

58, 5.698, 35.547

48, 5.698, 35.547

38, 5.698, 35.547

28, 5.698, 35.547

18, 5.698, 35.547

8, 5.698, 35.547

0, 5.698, 35.547

88, 5.698, 35.547

88, 5.698, 35.547

83, 13.619, 35.688

93, 1.603, 216.118

77, 22.215, 35.901

98, 7.662, 199.007

72, 31.519, 36.289

68, 41.525, 36.904

63, 52.166, 37.790

59, 63.263, 38.960

56, 74.427, 40.338

53, 84.790, 41.614

51, 92.661, 42.121

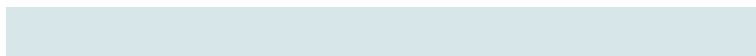
Harmonies

Complementary

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



88, 5.698, 35.547



90, 5.425, 215.914

Rectangle

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



88, 5.698, 35.547



88, 5.698, 85.547



88, 5.698, 215.547



88, 5.698, 265.547

Sweetspot

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



88, 5.697, 35.572



99, 1.549, 35.273



88, 10.180, 329.827



53, 0.880, 35.251



0, 0.000, 0.000



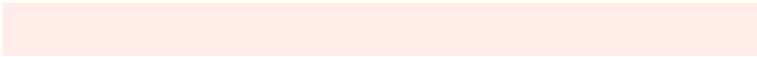
53, 0.007, 296.813

Same Dimension

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



88, 5.697, 35.572



95, 7.180, 35.588



90, 6.566, 90.124



46, 4.243, 35.593



39, 77.707, 42.600



9, 25.416, 32.195

Inverse Universe

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



90, 5.425, 215.914



97, 6.778, 215.920



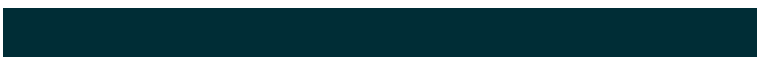
88, 6.571, 272.167



48, 3.994, 215.924



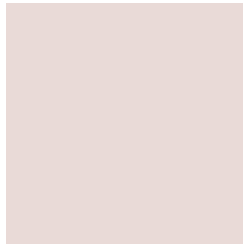
57, 33.669, 228.275



16, 14.457, 223.002

Previews

White Background



This preview shows how the CIELCh color 88, 5.698, 35.547 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, 5.698, 35.547 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

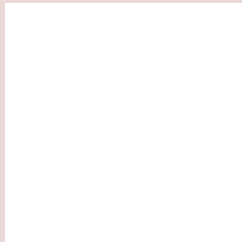
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.698, 35.547

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.698, 35.547.

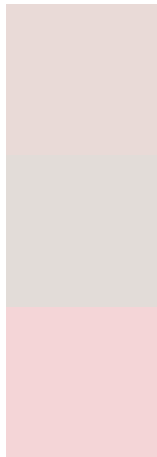


This preview shows how white text looks on a background with the CIELCh color 88, 5.698, 35.547.

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



Original Color

88, 5.698, 35.547

Protanopia

88, 2.995, 63.284

Deuteranopia

88, 11.480, 15.030



Tritanopia
88, 11.433, 329.324

Trichromacy



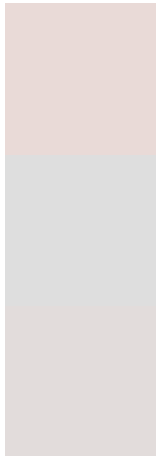
Original Color
88, 5.698, 35.547

Protanomaly
88, 3.869, 51.976

Deuteranomaly
88, 9.197, 20.014

Tritanomaly
88, 8.348, 341.331

Monochromacy



Original Color
88, 5.698, 35.547

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.223, 32.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.698, 35.547 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(233, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(233, 218, 215)  
}
```

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(233, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.698, 35.547 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(233, 218, 215) }
```

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

```
.border{ border-color:rgb(233, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 218, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 218, 215); box-shadow:4px 4px 4px 4px rgb(233, 218, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.698, 35.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 215) }
```

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

```
.background{ background-color: rgb(233,  
218, 215) }
```

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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