

Converting Colors

CIELCh(88, 6.691, 63.924)

Have a look what the booklet for
CIELCh(88, 6.691, 63.924) contains.

CIELCh(88, 6.691, 63.924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 6.691, 63.924)

Conversions

Conversions Part 1

Format	Color
Hex	E7DAD1
RGB	231, 218, 209
RGB Percent	91%, 85%, 82%
CMY	0.0923, 0.1433, 0.1786
CMYK	0.00, 0.06, 0.10, 0.09
HSL	25°, 32%, 86%
HSV	25°, 10%, 91%
XYZ	69.8529, 72.0653, 70.8384
YIQ	220.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

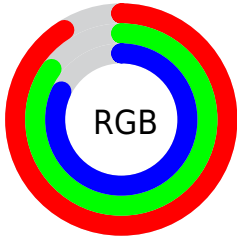
Format	Color
RYB	231, 224, 209
Decimal	15194833
CIELab	88.00, 2.94, 6.01
CIElCh	88, 6.691, 63.924
Yxy	72.0653, 0.3283, 0.3387
Android (android.graphics.Color)	4293384913 (0xFFE7DAD1)
YUV	220.8610, -5.8475, 8.8919
Hunter-Lab	84.8913, -1.6807, 9.9487

Details

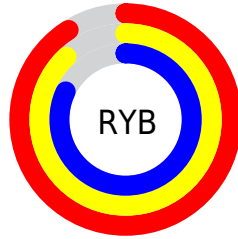
The CIELCh color **88, 6.691, 63.924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 6.452, 246.175**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 6.424, 62.690** is the 20% darker color. If you saturate the color by 10%, you get **84, 14.162, 62.945**, and if you desaturate by 10%, it is **92, 0.343, 246.491**.

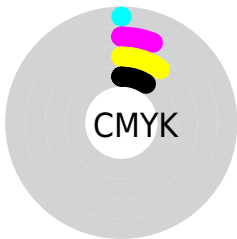
Distribution



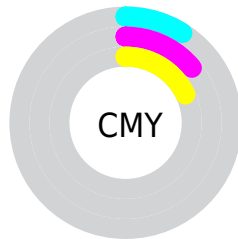
- Red (91%)
- Green (85%)
- Blue (82%)



- Red (91%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 6.691, 63.924 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, 6.691, 63.924 by changing the saturation by 10% instead.



88, 6.691, 63.924

88, 6.691, 63.924

84, 14.162, 62.945

92, 0.343, 246.491

80, 22.110, 61.938

96, 6.726, 243.870

76, 30.567, 60.956

98, 8.037, 198.980

73, 39.531, 60.009

69, 48.941, 59.088

66, 58.611, 58.147

63, 68.102, 57.058

60, 76.518, 55.535

57, 82.843, 53.287

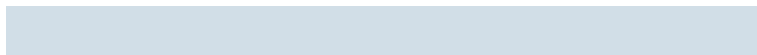
Harmonies

Complementary

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



88, 6.691, 63.924



88, 6.452, 246.175

Rectangle

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



88, 6.691, 63.924



88, 6.691, 113.924



88, 6.691, 243.924



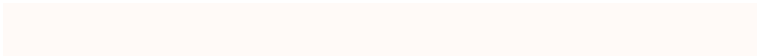
88, 6.691, 293.924

Sweetspot

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



88, 6.691, 63.947



99, 2.235, 64.465



86, 10.571, 339.316



52, 1.700, 64.430



0, 0.000, 0.000



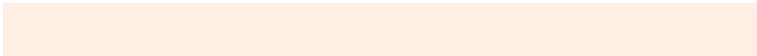
53, 0.007, 296.813

Same Dimension

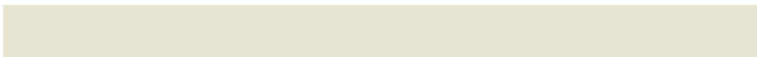
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 6.691, 63.947



95, 8.413, 63.795



91, 10.254, 104.800



46, 3.968, 63.952



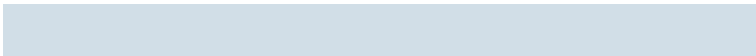
45, 68.089, 53.858



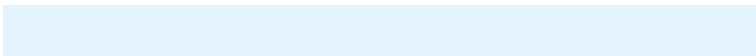
11, 21.218, 50.908

Inverse Universe

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



88, 6.452, 246.175



95, 8.057, 246.362



85, 10.437, 286.874



46, 3.828, 246.168



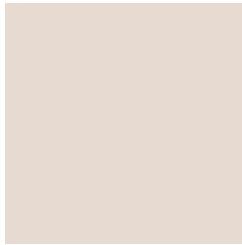
43, 45.844, 273.473



10, 17.007, 264.087

Previews

White Background



This preview shows how the CIELCh color 88, 6.691, 63.924 looks on a white background.

Color Contrast Check

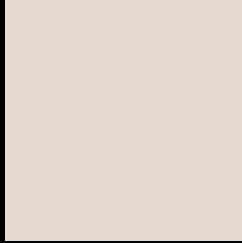
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 6.691, 63.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

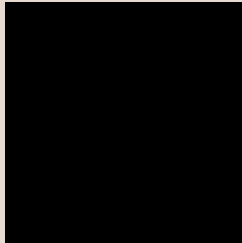
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

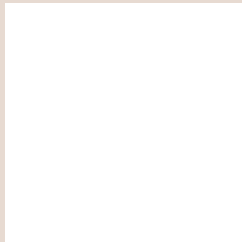
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.691, 63.924

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.691, 63.924.

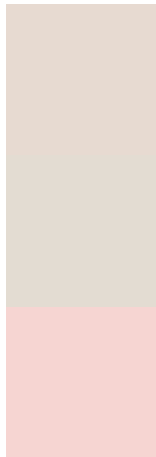


This preview shows how white text looks on a background with the CIELCh color 88, 6.691, 63.924.

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, 6.691, 63.924

Protanopia

88, 5.784, 83.329

Deuteranopia

88, 12.396, 27.443



Tritanopia
88, 11.433, 329.324

Trichromacy



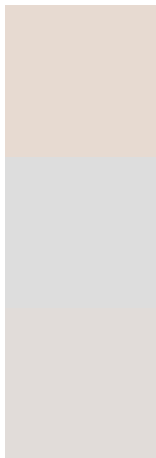
Original Color
88, 6.691, 63.924

Protanomaly
88, 5.937, 71.462

Deuteranomaly
88, 10.000, 35.040

Tritanomaly
88, 7.747, 347.369

Monochromacy



Original Color
88, 6.691, 63.924

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.375, 60.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.691, 63.924 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(231, 218, 209)` looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 209)  
}
```

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(231, 218, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.691, 63.924 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(231, 218, 209) }
```

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

```
.border{ border-color:rgb(231, 218, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 218, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 218, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 218, 209); box-shadow:4px 4px 4px 4px rgb(231, 218, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.691, 63.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 209) }
```

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

```
.background{ background-color: rgb(231,  
218, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor