

Converting Colors

CIELCh(88, 14.047, 63.940)

Have a look what the booklet for
CIELCh(88, 14.047, 63.940) contains.

CIELCh(88, 14.006, 64.513)	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, 14.006, 64.513)

Conversions

Conversions Part 1

Format	Color
Hex	F2D8C5
RGB	242, 216, 197
RGB Percent	95%, 85%, 77%
CMY	0.0507, 0.1527, 0.2272
CMYK	0.00, 0.11, 0.19, 0.05
HSL	25°, 63%, 86%
HSV	25°, 19%, 95%
XYZ	71.2959, 72.0653, 63.0118
YIQ	221.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

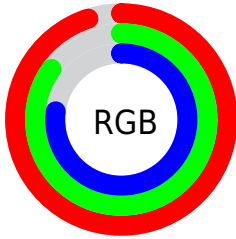
Format	Color
R _Y B	242, 230, 197
Decimal	15915205
CIE Lab	88.00, 6.03, 12.64
CIE LCh	88, 14.006, 64.513
Yxy	72.0653, 0.3455, 0.3492
Android (android.graphics.Color)	4294105285 (0xFFFF2D8C5)
YUV	221.6080, -12.1317, 17.8838
Hunter-Lab	84.8913, 1.3534, 15.4150

Details

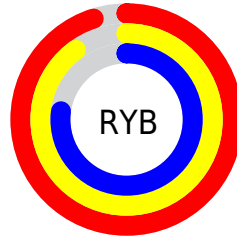
The CIELCh color **88, 14.006, 64.513** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 13.016, 249.007**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **68, 14.227, 63.667** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.211, 63.469**, and if you desaturate by 10%, it is **92, 6.280, 65.564**.

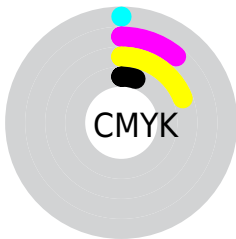
Distribution



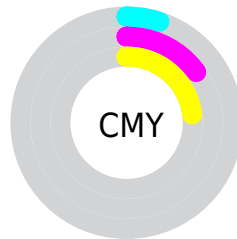
- Red (95%)
- Green (85%)
- Blue (77%)



- Red (95%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 14.006, 64.513 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, 14.006, 64.513 by changing the saturation by 10% instead.

 88, 14.006, 64.513

 88, 14.006, 64.513

 100, 14.006,
64.513

 78, 14.006, 64.513

 68, 14.006, 64.513

 58, 14.006, 64.513

 48, 14.006, 64.513

 38, 14.006, 64.513

 28, 14.006, 64.513

 18, 14.006, 64.513

 8, 14.006, 64.513

 0, 14.006, 64.513

88, 14.006, 64.513

88, 14.006, 64.513

84, 22.211, 63.469

92, 6.280, 65.564

80, 30.923, 62.430

96, 1.010, 247.215

76, 40.144, 61.418

99, 4.461, 199.271

73, 49.813, 60.424

69, 59.743, 59.406

66, 69.499, 58.242

63, 78.188, 56.662

61, 84.625, 54.302

60, 85.465, 53.979

Harmonies

Complementary

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



88, 14.006, 64.513



88, 13.016, 249.007

Rectangle

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



88, 14.006, 64.513



88, 14.006, 114.513



88, 14.006, 244.513



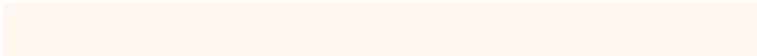
88, 14.006, 294.513

Sweetspot

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



88, 14.006, 64.525



97, 4.539, 65.809



84, 21.348, 340.898



52, 3.017, 65.749



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, 14.006, 64.525



91, 17.473, 64.158



94, 21.145, 104.653



48, 4.132, 65.476



46, 69.094, 54.676



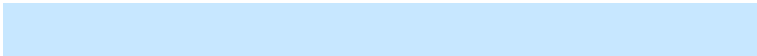
13, 23.650, 53.223

Inverse Universe

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



88, 13.016, 249.007



90, 15.990, 249.551



82, 21.904, 288.814



48, 3.992, 247.761



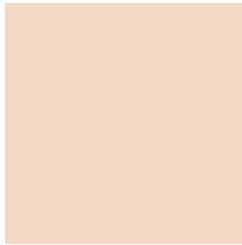
44, 48.154, 275.295



12, 18.697, 266.989

Previews

White Background



This preview shows how the CIELCh color 88, 14.006, 64.513 looks on a white background.

Color Contrast Check

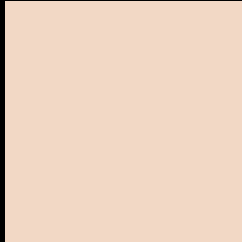
Large Text (above 18pt) WCAG AA × Fail

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, 14.006, 64.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

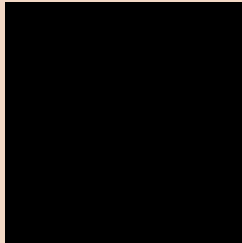
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 14.006, 64.513

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.006, 64.513.

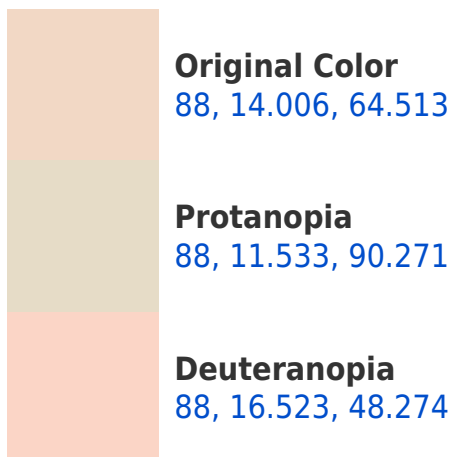


This preview shows how white text looks on a background with the CIELCh color 88, 14.006, 64.513.

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](#).

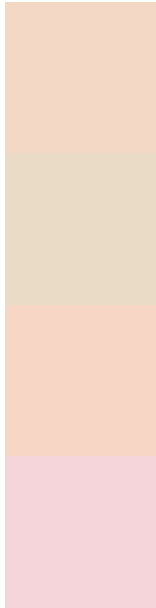
Dichromacy





Tritanopia
88, 14.861, 346.459

Trichromacy



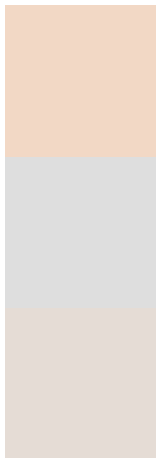
Original Color
88, 14.006, 64.513

Protanomaly
88, 12.294, 81.871

Deuteranomaly
88, 15.443, 52.562

Tritanomaly
88, 11.952, 10.264

Monochromacy



Original Color
88, 14.006, 64.513

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 4.890, 67.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.006, 64.513 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(242, 216, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 197)  
}
```

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(242, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.006, 64.513 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(242, 216, 197) }
```

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

```
.border{ border-color:rgb(242, 216, 197) }
```

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

Here you see how a box with a 4 pixel rgb(242, 216, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.006, 64.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 197) }
```

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

```
.background{ background-color: rgb(242,  
216, 197) }
```

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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