

Converting Colors

CIELCh(88, 13.318, 60.107)

Have a look what the booklet for
CIELCh(88, 13.318, 60.107) contains.

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Color

CIELCh(88, 13.260, 61.510)

Conversions

Conversions Part 1

Format	Color
Hex	F2D8C7
RGB	242, 216, 199
RGB Percent	95%, 85%, 78%
CMY	0.0512, 0.1532, 0.2198
CMYK	0.00, 0.11, 0.18, 0.05
HSL	24°, 62%, 86%
HSV	24°, 18%, 95%
XYZ	71.4364, 72.0653, 64.1399
YIQ	221.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

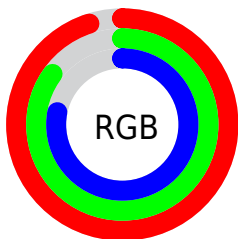
Format	Color
R _Y B	242, 227, 199
Decimal	15915207
CIE Lab	88.00, 6.33, 11.65
CIE LCh	88, 13.260, 61.510
Yxy	72.0653, 0.3440, 0.3471
Android (android.graphics.Color)	4294105287 (0xFFFF2D8C7)
YUV	221.8360, -11.2581, 17.6838
Hunter-Lab	84.8913, 1.6488, 14.6271

Details

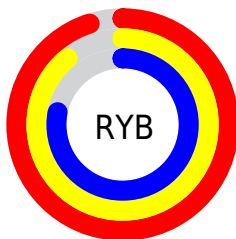
The CIELCh color **88, 13.260, 61.510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 12.270, 245.532**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 13.443, 60.548** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.412, 60.561**, and if you desaturate by 10%, it is **92, 5.615, 62.470**.

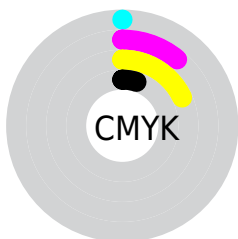
Distribution



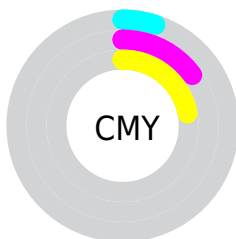
- Red (95%)
- Green (85%)
- Blue (78%)



- Red (95%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 13.260, 61.510 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, 13.260, 61.510 by changing the saturation by 10% instead.

 88, 13.260, 61.510

 88, 13.260, 61.510

 100, 13.260,
61.510

 78, 13.260, 61.510

 68, 13.260, 61.510

 58, 13.260, 61.510

 48, 13.260, 61.510

 38, 13.260, 61.510

 28, 13.260, 61.510

 18, 13.260, 61.510

 8, 13.260, 61.510

 0, 13.260, 61.510

88, 13.260, 61.510

88, 13.260, 61.510

84, 21.412, 60.561

92, 5.615, 62.470

80, 30.105, 59.630

96, 1.571, 243.902

76, 39.351, 58.742

99, 4.505, 199.267

72, 49.101, 57.893

69, 59.196, 57.048

65, 69.237, 56.094

62, 78.378, 54.770

60, 85.314, 52.652

59, 86.704, 52.178

Harmonies

Complementary

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



88, 13.260, 61.510



88, 12.270, 245.532

Rectangle

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



88, 13.260, 61.510



88, 13.260, 111.510



88, 13.260, 241.510



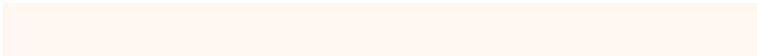
88, 13.260, 291.510

Sweetspot

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



88, 13.260, 61.523



98, 3.736, 62.697



85, 20.857, 339.217



52, 2.555, 62.643



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, 13.260, 61.523



91, 16.527, 61.205



93, 19.542, 103.068



48, 4.097, 62.316



45, 70.093, 52.856



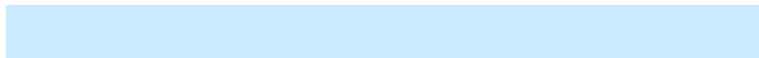
12, 23.834, 50.597

Inverse Universe

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



88, 12.270, 245.532



91, 15.050, 246.012



83, 20.140, 287.139



48, 3.943, 244.472



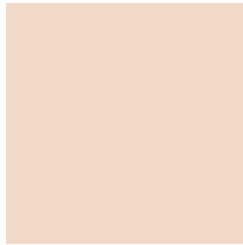
45, 45.601, 271.690



12, 17.900, 263.260

Previews

White Background



This preview shows how the CIELCh color 88, 13.260, 61.510 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, 13.260, 61.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

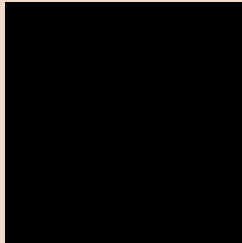
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 13.260, 61.510

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.260, 61.510.

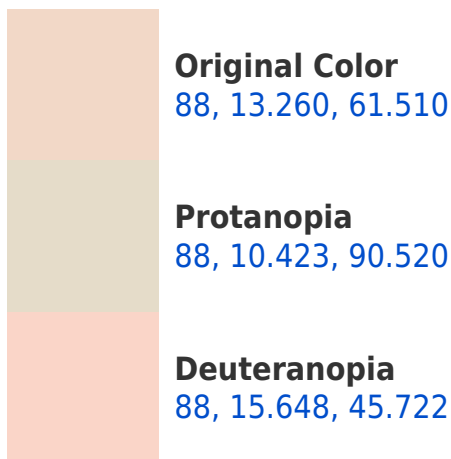


This preview shows how white text looks on a background with the CIELCh color 88, 13.260, 61.510.

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



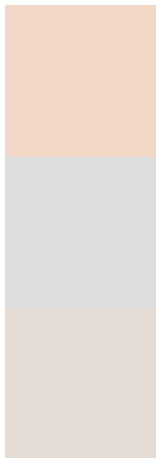
Original Color
88, 13.260, 61.510

Protanomaly
88, 11.369, 79.624

Deuteranomaly
88, 14.521, 50.076

Tritanomaly
88, 11.952, 10.264

Monochromacy



Original Color
88, 13.260, 61.510

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 4.514, 63.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.260, 61.510 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.260, 61.510 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, 199) }
```

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

```
.border{ border-color:rgb(242, 216, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 216, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 216, 199); box-shadow:4px 4px 4px 4px rgb(242, 216, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.260, 61.510 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, 199) }
```

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

```
.background{ background-color: rgb(242,  
216, 199) }
```

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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