

Converting Colors

CIELCh(88, 51.066, 93.676)

Have a look what the booklet for
CIELCh(88, 51.066, 93.676) contains.

CIELCh(88, 51.120, 93.686)	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, 51.120, 93.686)

Conversions

Conversions Part 1

Format	Color
Hex	F6DC7A
RGB	246, 220, 122
RGB Percent	96%, 86%, 48%
CMY	0.0360, 0.1379, 0.5222
CMYK	0.00, 0.11, 0.50, 0.04
HSL	47°, 87%, 72%
HSV	47°, 50%, 96%
XYZ	67.0004, 72.0653, 28.7416
YIQ	216.6020, 46.9540, -24.9660

Conversions

Conversions Part 2

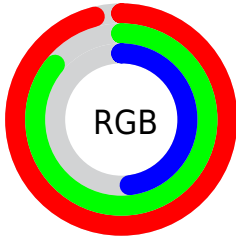
Format	Color
RYB	155, 246, 122
Decimal	16178298
CIELab	88.00, -3.29, 51.01
CIELCh	88, 51.120, 93.686
Yxy	72.0653, 0.3993, 0.4295
Android (android.graphics.Color)	4294368378 (0xFFFF6DC7A)
YUV	216.6020, -46.6388, 25.7820
Hunter-Lab	84.8913, -7.6786, 39.3501

Details

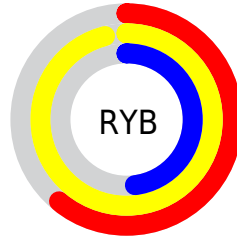
The CIELCh color **88, 51.120, 93.686** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63, 54.802, 288.463**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **68, 50.975, 93.743** is the 20% darker color. If you saturate the color by 10%, you get **86, 60.617, 92.405**, and if you desaturate by 10%, it is **90, 41.149, 94.956**.

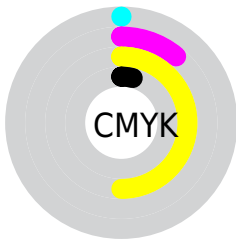
Distribution



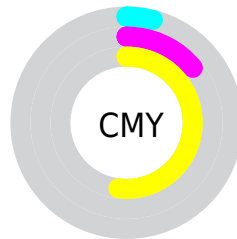
- Red (96%)
- Green (86%)
- Blue (48%)



- Red (61%)
- Yellow (96%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (14%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 51.120, 93.686 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, 51.120, 93.686 by changing the saturation by 10% instead.

 88, 51.120, 93.686

 88, 51.120, 93.686

 100, 51.120,
93.686

 78, 51.120, 93.686

 68, 51.120, 93.686

 58, 51.120, 93.686

 48, 51.120, 93.686

 38, 51.120, 93.686

 28, 51.120, 93.686

 18, 51.120, 93.686

 8, 51.120, 93.686

 0, 51.120, 93.686

88, 51.120, 93.686

88, 51.120, 93.686

86, 60.617, 92.405

90, 41.149, 94.956

85, 69.189, 91.096

91, 30.971, 96.202

84, 76.166, 89.736

93, 20.741, 97.421

82, 80.736, 88.267

95, 10.544, 98.603

81, 82.638, 86.707

97, 0.425, 99.326

98, 2.739, 251.863

99, 3.173, 199.413

Harmonies

Complementary

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



88, 51.120, 93.686



63, 54.802, 288.463

Rectangle

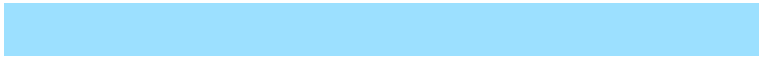
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 51.120, 93.686



88, 51.120, 143.686



88, 51.120, 273.686



88, 51.120, 323.686

Sweetspot

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



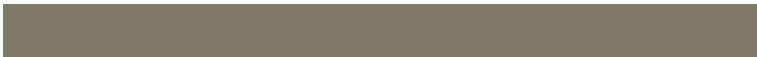
88, 51.121, 93.690



97, 15.651, 98.066



66, 50.663, 9.136



51, 10.688, 97.815



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, 51.121, 93.690



89, 62.964, 92.317



92, 62.821, 118.248



50, 5.721, 98.712



63, 67.172, 87.027



20, 27.952, 89.375

Inverse Universe

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



63, 54.802, 288.463



58, 69.540, 291.260



60, 70.526, 305.201



48, 5.784, 280.993



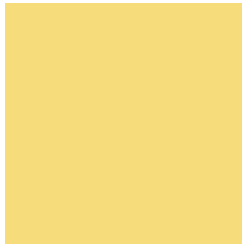
27, 91.461, 302.134



5, 34.037, 295.673

Previews

White Background



This preview shows how the CIELCh color 88, 51.120, 93.686 looks on a white background.

Color Contrast Check

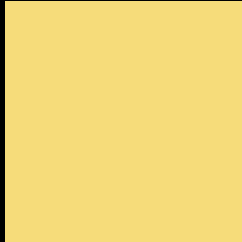
Large Text (above 18pt) WCAG AA × Fail

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, 51.120, 93.686 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, 51.120, 93.686

Background



This preview shows how black text looks on a background with the CIELCh color 88, 51.120, 93.686.

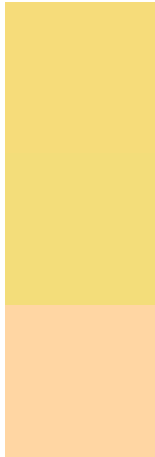


This preview shows how white text looks on a background with the CIELCh color 88, 51.120, 93.686.

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, 51.120, 93.686

Protanopia

88, 51.191, 95.600

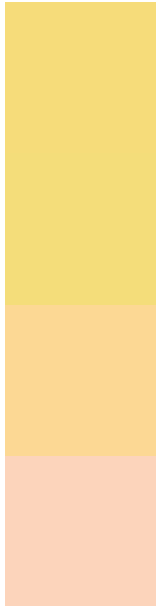
Deuteranopia

88, 31.440, 76.309



Tritanopia
88, 19.056, 355.051

Trichromacy



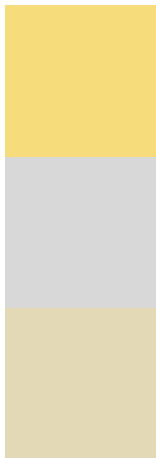
Original Color
88, 51.120, 93.686

Protanomaly
88, 51.276, 95.141

Deuteranomaly
88, 38.308, 84.600

Tritanomaly
88, 20.400, 59.520

Monochromacy



Original Color
88, 51.120, 93.686

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 18.622, 96.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 51.120, 93.686 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(246, 220, 122)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 122)  
}
```

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(246, 220, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 51.120, 93.686 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(246, 220, 122) }
```

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

```
.border{ border-color:rgb(246, 220, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 220, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 220, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 220, 122); box-shadow:4px 4px 4px 4px rgb(246, 220, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 51.120, 93.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 122) }
```

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

```
.background{ background-color: rgb(246,  
220, 122) }
```

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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