

Converting Colors

CIELCh(88, 58.320, 91.125)

Have a look what the booklet for
CIELCh(88, 58.320, 91.125) contains.

CIELCh(88, 58.016, 91.013)	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, 58.016, 91.013)

Conversions

Conversions Part 1

Format	Color
Hex	FCDA6B
RGB	252, 218, 107
RGB Percent	99%, 85%, 42%
CMY	0.0108, 0.1442, 0.5795
CMYK	0.00, 0.13, 0.57, 0.01
HSL	46°, 96%, 70%
HSV	46°, 57%, 99%
XYZ	68.0268, 72.0653, 24.2934
YIQ	215.5120, 55.8950, -27.3130

Conversions

Conversions Part 2

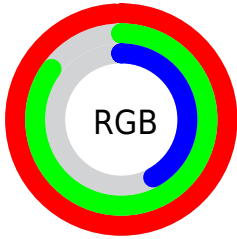
Format	Color
RYB	151, 252, 107
Decimal	16570987
CIELab	88.00, -1.03, 58.01
CIELCh	88, 58.016, 91.013
Yxy	72.0653, 0.4138, 0.4384
Android (android.graphics.Color)	4294761067 (0xFFFCDA6B)
YUV	215.5120, -53.4964, 32.0000
Hunter-Lab	84.8913, -5.5205, 42.4568

Details

The CIELCh color **88, 58.016, 91.013** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 62.445, 288.912**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 46.881, 106.594**, and **68, 57.685, 91.006** is the 20% darker color. If you saturate the color by 10%, you get **86, 67.078, 89.652**, and if you desaturate by 10%, it is **90, 48.234, 92.344**.

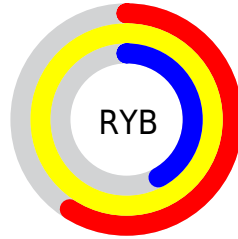
Distribution



Red (99%)

Green (85%)

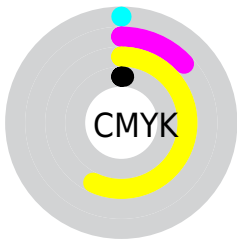
Blue (42%)



Red (59%)

Yellow (99%)

Blue (42%)

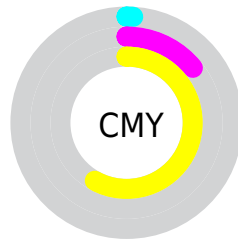


Cyan (0%)

Magenta (13%)

Yellow (57%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 58.016, 91.013 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, 58.016, 91.013 by changing the saturation by 10% instead.

 88, 58.016, 91.013

 88, 58.016, 91.013

 100, 58.016,
91.013

 78, 58.016, 91.013

 68, 58.016, 91.013

 58, 58.016, 91.013

 48, 58.016, 91.013

 38, 58.016, 91.013

 28, 58.016, 91.013

 18, 58.016, 91.013

 8, 58.016, 91.013

 0, 58.016, 91.013

88, 58.016, 91.013

88, 58.016, 91.013

86, 67.078, 89.652

90, 48.234, 92.344

85, 74.800, 88.223

92, 38.115, 93.644

83, 80.349, 86.665

94, 27.883, 94.917

82, 83.030, 84.880

95, 17.663, 96.156

81, 83.447, 84.411

97, 7.520, 97.346

99, 0.831, 251.983

100, 0.959,
200.036

Harmonies

Complementary

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



88, 58.016, 91.013



61, 62.445, 288.912

Rectangle

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



88, 58.016, 91.013



88, 58.016, 141.013



88, 58.016, 271.013



88, 58.016, 321.013

Sweetspot

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



88, 58.016, 91.016



96, 17.312, 96.215



64, 59.050, 8.344



51, 11.591, 95.969



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, 58.016, 91.016



87, 68.943, 89.437



94, 71.672, 116.498



51, 5.669, 97.114



62, 67.192, 84.787



20, 28.611, 87.218

Inverse Universe

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



61, 62.445, 288.912



54, 77.037, 292.271



56, 82.716, 305.034



49, 5.720, 279.448



28, 89.808, 301.260



6, 34.798, 295.789

Previews

White Background



This preview shows how the CIELCh color 88, 58.016, 91.013 looks on a white background.

Color Contrast Check

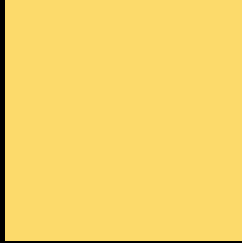
Large Text (above 18pt) WCAG AA × Fail

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, 58.016, 91.013 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, 58.016, 91.013

Background



This preview shows how black text looks on a background with the CIELCh color 88, 58.016, 91.013.



This preview shows how white text looks on a background with the CIELCh color 88, 58.016, 91.013.

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, 58.016, 91.013

Protanopia

88, 57.723, 95.691

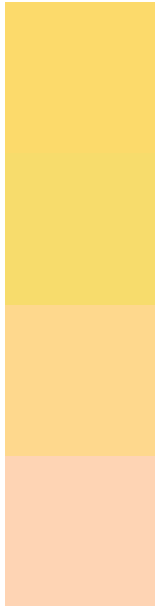
Deuteranopia

88, 32.802, 77.499



Tritanopia
88, 17.985, 0.553

Trichromacy



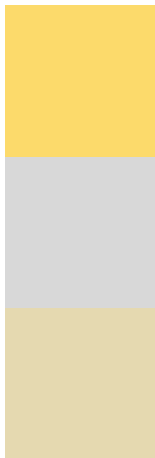
Original Color
88, 58.016, 91.013

Protanomaly
88, 57.653, 93.979

Deuteranomaly
88, 41.962, 84.966

Tritanomaly
88, 23.633, 64.517

Monochromacy



Original Color
88, 58.016, 91.013

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 21.835, 96.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 58.016, 91.013 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(252, 218, 107)` looks like.

```
.text, #text, p{  
    color:rgb(252, 218, 107)  
}
```

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(252, 218, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 218, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 58.016, 91.013 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(252, 218, 107) }
```

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

```
.border{ border-color:rgb(252, 218, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 218, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 218, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 218, 107);  
box-shadow:4px 4px 4px 4px rgb(252, 218,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 58.016, 91.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 218, 107) }
```

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

```
.background{ background-color: rgb(252,  
218, 107) }
```

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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