

Converting Colors

CIELCh(88, 58.358, 89.813)

Have a look what the booklet for
CIELCh(88, 58.358, 89.813) contains.

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Color

CIELCh(88, 57.977, 89.706)

Conversions

Conversions Part 1

Format	Color
Hex	FED96B
RGB	254, 217, 107
RGB Percent	100%, 85%, 42%
CMY	0.0022, 0.1474, 0.5788
CMYK	0.00, 0.15, 0.58, 0.00
HSL	45°, 99%, 71%
HSV	45°, 58%, 100%
XYZ	68.6323, 72.0653, 24.3119
YIQ	215.5230, 57.3620, -26.3660

Conversions

Conversions Part 2

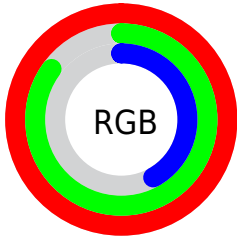
Format	Color
RYB	156, 254, 107
Decimal	16701803
CIELab	88.00, 0.30, 57.98
CIElCh	88, 57.977, 89.706
Yxy	72.0653, 0.4159, 0.4367
Android (android.graphics.Color)	4294891883 (0xFF FED96B)
YUV	215.5230, -53.5018, 33.7443
Hunter-Lab	84.8913, -4.2472, 42.4439

Details

The CIELCh color **88, 57.977, 89.706** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **62, 61.769, 287.995**, 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, 57.676, 89.602** is the 20% darker color. If you saturate the color by 10%, you get **86, 67.065, 88.303**, and if you desaturate by 10%, it is **90, 48.195, 91.069**.

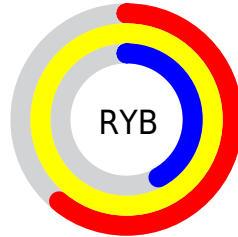
Distribution



Red (100%)

Green (85%)

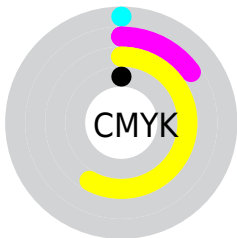
Blue (42%)



Red (61%)

Yellow (100%)

Blue (42%)

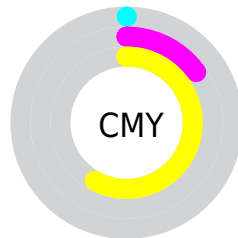


Cyan (0%)

Magenta (15%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 57.977, 89.706 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, 57.977, 89.706 by changing the saturation by 10% instead.

 88, 57.977, 89.706

 88, 57.977, 89.706

 100, 57.977,
89.706

 78, 57.977, 89.706

 68, 57.977, 89.706

 58, 57.977, 89.706

 48, 57.977, 89.706

 38, 57.977, 89.706

 28, 57.977, 89.706

 18, 57.977, 89.706

 8, 57.977, 89.706

 0, 57.977, 89.706

88, 57.977, 89.706

88, 57.977, 89.706

86, 67.065, 88.303

90, 48.195, 91.069

84, 74.834, 86.813

92, 38.106, 92.395

83, 80.426, 85.163

94, 27.928, 93.690

81, 83.136, 83.241

96, 17.784, 94.949

81, 83.526, 82.796

98, 7.734, 96.157

100, 0.191,
202.867

Harmonies

Complementary

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



88, 57.977, 89.706



62, 61.769, 287.995

Rectangle

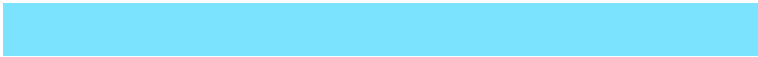
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 57.977, 89.706



88, 57.977, 139.706



88, 57.977, 269.706



88, 57.977, 319.706

Sweetspot

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



88, 57.977, 89.709



96, 17.014, 95.047



65, 59.823, 7.149



51, 11.394, 94.798



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, 57.977, 89.709



86, 68.208, 88.128



95, 72.291, 115.745



52, 5.661, 95.956



62, 67.474, 83.195



21, 29.416, 85.661

Inverse Universe

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



62, 61.769, 287.995



55, 75.183, 291.317



56, 83.772, 304.642



50, 5.704, 278.327



29, 88.840, 300.606



7, 35.576, 295.814

Previews

White Background



This preview shows how the CIELCh color 88, 57.977, 89.706 looks on a white background.

Color Contrast Check

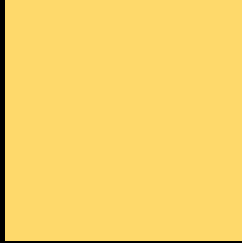
Large Text (above 18pt) WCAG AA × Fail

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, 57.977, 89.706 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, 57.977, 89.706

Background



This preview shows how black text looks on a background with the CIELCh color 88, 57.977, 89.706.



This preview shows how white text looks on a background with the CIELCh color 88, 57.977, 89.706.

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, 57.977, 89.706

Protanopia

88, 57.272, 95.660

Deuteranopia

88, 32.802, 77.499



Tritanopia
88, 17.985, 0.553

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 57.977, 89.706 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(254, 217, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 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(254, 217, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 57.977, 89.706 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(254, 217, 107) }
```

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

```
.border{ border-color:rgb(254, 217, 107) }
```

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

Here you see how a box with a 4 pixel rgb(254, 217, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 57.977, 89.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 107) }
```

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

```
.background{ background-color: rgb(254,  
217, 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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