

Converting Colors

CIELCh(84, 45.274, 80.074)

Have a look what the booklet for
CIELCh(84, 45.274, 80.074) contains.

CIELCh(84, 45.322, 80.067)	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(84, 45.322, 80.067)

Conversions

Conversions Part 1

Format	Color
Hex	FACA7D
RGB	250, 202, 125
RGB Percent	98%, 79%, 49%
CMY	0.0195, 0.2077, 0.5097
CMYK	0.00, 0.19, 0.50, 0.02
HSL	37°, 93%, 74%
HSV	37°, 50%, 98%
XYZ	64.2664, 64.0658, 28.3902
YIQ	207.5740, 53.3250, -13.7710

Conversions

Conversions Part 2

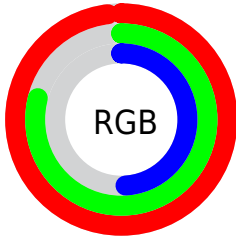
Format	Color
RYB	203, 250, 125
Decimal	16435837
CIELab	84.00, 7.82, 44.64
CIELCh	84, 45.322, 80.067
Yxy	64.0658, 0.4101, 0.4088
Android (android.graphics.Color)	4294625917 (0xFFFA7D)
YUV	207.5740, -40.7090, 37.2076
Hunter-Lab	80.0411, 3.2488, 34.9989

Details

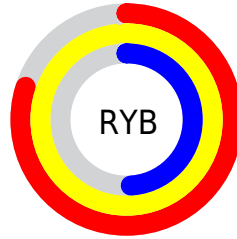
The CIELCh color **84, 45.322, 80.067** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **70, 43.452, 276.390**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **64, 45.277, 79.982** is the 20% darker color. If you saturate the color by 10%, you get **81, 54.744, 78.575**, and if you desaturate by 10%, it is **87, 35.868, 81.508**.

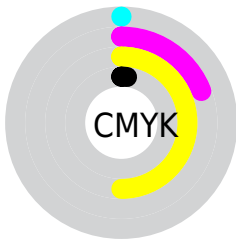
Distribution



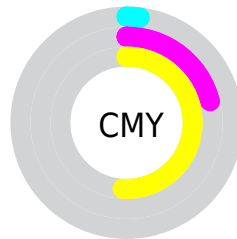
- Red (98%)
- Green (79%)
- Blue (49%)



- Red (80%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 45.322, 80.067 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 84, 45.322, 80.067 by changing the saturation by 10% instead.

 84, 45.322, 80.067

 84, 45.322, 80.067

 100, 45.322,
80.067

 74, 45.322, 80.067

 64, 45.322, 80.067

 54, 45.322, 80.067

 44, 45.322, 80.067

 34, 45.322, 80.067

 24, 45.322, 80.067

 14, 45.322, 80.067

 4, 45.322, 80.067

 0, 45.322, 80.067

84, 45.322, 80.067

84, 45.322, 80.067

81, 54.744, 78.575

87, 35.868, 81.508

79, 63.790, 76.974

90, 26.552, 82.901

76, 71.840, 75.168

92, 17.452, 84.252

74, 77.940, 72.969

95, 8.596, 85.551

72, 81.478, 70.214

98, 0.016, 287.738

72, 81.480, 70.212

100, 1.725,
199.680

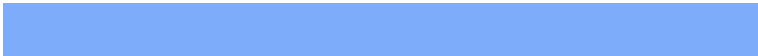
Harmonies

Complementary

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



84, 45.322, 80.067



70, 43.452, 276.390

Rectangle

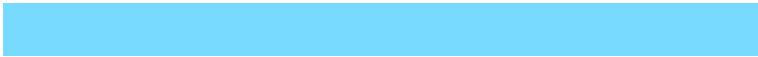
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 45.322, 80.067



84, 45.322, 130.067



84, 45.322, 260.067



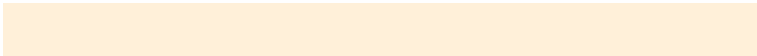
84, 45.322, 310.067

Sweetspot

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



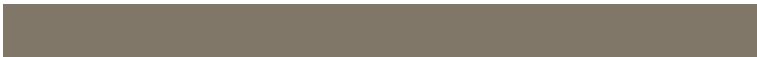
84, 45.322, 80.071



95, 13.208, 84.907



68, 53.101, 355.633



50, 9.039, 84.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 45.322, 80.071



83, 55.631, 78.565



95, 61.666, 110.095



51, 4.883, 85.613



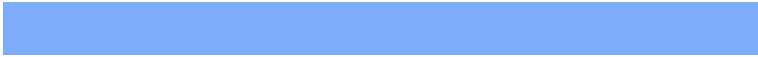
55, 65.900, 70.830



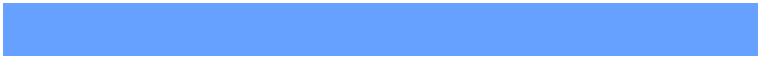
17, 26.365, 73.442

Inverse Universe

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



70, 43.452, 276.390



66, 53.277, 279.374



59, 70.679, 300.106



49, 4.854, 268.178



35, 71.803, 293.572



9, 28.151, 287.684

Previews

White Background



This preview shows how the CIELCh color 84, 45.322, 80.067 looks on a white background.

Color Contrast Check

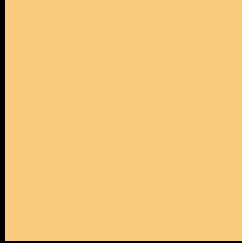
Large Text (above 18pt) WCAG AA × Fail

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 84, 45.322, 80.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

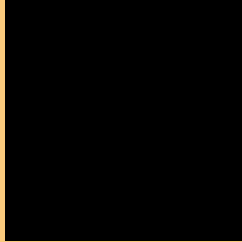
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 45.322, 80.067

Background



This preview shows how black text looks on a background with the CIELCh color 84, 45.322, 80.067.



This preview shows how white text looks on a background with the CIELCh color 84, 45.322, 80.067.

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](#).

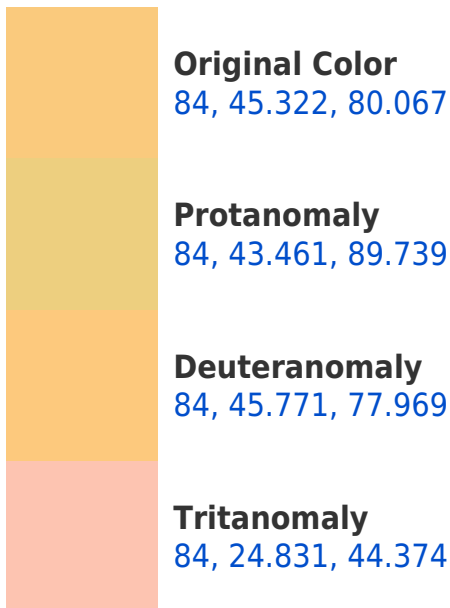
Dichromacy





Tritanopia
84, 24.273, 3.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 45.322, 80.067 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(250, 202, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 125)  
}
```

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(250, 202, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 45.322, 80.067 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(250, 202, 125) }
```

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

```
.border{ border-color:rgb(250, 202, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 45.322, 80.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 125) }
```

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

```
.background{ background-color: rgb(250,  
202, 125) }
```

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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