

Converting Colors

CIELCh(80, 50.359, 73.550)

Have a look what the booklet for
CIELCh(80, 50.359, 73.550) contains.

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Color

CIELCh(80, 50.430, 73.594)

Conversions

Conversions Part 1

Format	Color
Hex	FABB6C
RGB	250, 187, 108
RGB Percent	98%, 73%, 42%
CMY	0.0214, 0.2682, 0.5780
CMYK	0.00, 0.25, 0.57, 0.02
HSL	33°, 93%, 70%
HSV	33°, 57%, 98%
XYZ	59.6309, 56.6813, 21.8772
YIQ	196.8310, 62.9070, -11.2130

Conversions

Conversions Part 2

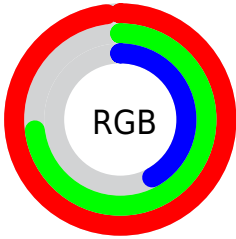
Format	Color
RYB	221, 250, 108
Decimal	16431980
CIELab	80.00, 14.24, 48.38
CIELCh	80, 50.430, 73.594
Yxy	56.6813, 0.4315, 0.4102
Android (android.graphics.Color)	4294622060 (0xFFFABB6C)
YUV	196.8310, -43.7937, 46.6292
Hunter-Lab	75.2870, 9.6283, 35.4722

Details

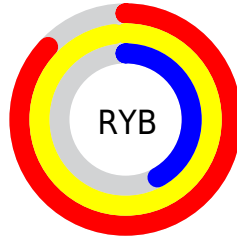
The CIELCh color **80, 50.430, 73.594** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **69, 45.457, 273.025**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 41.685, 100.340**, and **60, 50.501, 73.827** is the 20% darker color. If you saturate the color by 10%, you get **77, 59.844, 72.087**, and if you desaturate by 10%, it is **83, 40.955, 75.027**.

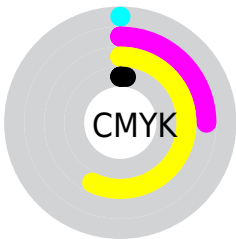
Distribution



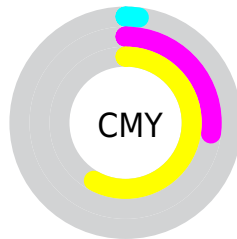
- Red (98%)
- Green (73%)
- Blue (42%)



- Red (87%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 50.430, 73.594 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 80, 50.430, 73.594 by changing the saturation by 10% instead.

 80, 50.430, 73.594

 80, 50.430, 73.594

 100, 50.430,
73.594

 70, 50.430, 73.594

 60, 50.430, 73.594

 50, 50.430, 73.594

 40, 50.430, 73.594

 30, 50.430, 73.594

 20, 50.430, 73.594

 10, 50.430, 73.594

 0, 50.430, 73.594

 80, 50.430, 73.594

 80, 50.430, 73.594

77, 59.844, 72.087

83, 40.955, 75.027

74, 68.719, 70.400

86, 31.659, 76.412

72, 76.201, 68.346

89, 22.645, 77.766

69, 81.191, 65.626

93, 13.951, 79.085

69, 82.427, 64.707

96, 5.574, 80.341

99, 1.567, 240.321

100, 1.893,
199.635

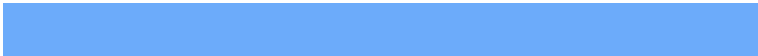
Harmonies

Complementary

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



80, 50.430, 73.594



69, 45.457, 273.025

Rectangle

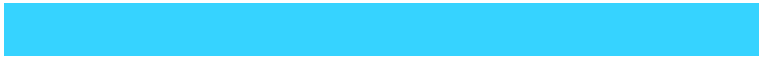
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 50.430, 73.594



80, 50.430, 123.594



80, 50.430, 253.594



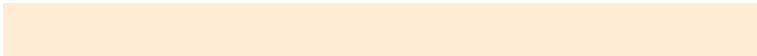
80, 50.430, 303.594

Sweetspot

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



80, 50.430, 73.598



94, 14.306, 79.066



65, 60.837, 353.525



50, 9.606, 78.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 50.430, 73.598



78, 61.960, 71.896



95, 68.857, 107.248



50, 4.638, 80.024



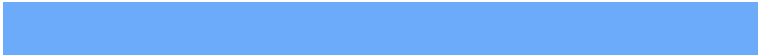
53, 66.669, 65.382



16, 25.948, 67.420

Inverse Universe

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



69, 45.457, 273.025



65, 55.284, 276.844



53, 81.316, 300.122



49, 4.573, 262.608



38, 64.414, 289.195



10, 25.389, 282.773

Previews

White Background



This preview shows how the CIELCh color 80, 50.430, 73.594 looks on a white background.

Color Contrast Check

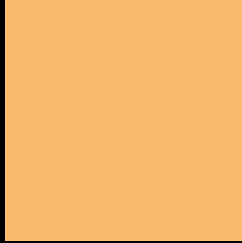
Large Text (above 18pt) WCAG AA × Fail

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 80, 50.430, 73.594 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 80, 50.430, 73.594

Background



This preview shows how black text looks on a background with the CIELCh color 80, 50.430, 73.594.



This preview shows how white text looks on a background with the CIELCh color 80, 50.430, 73.594.

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](#).

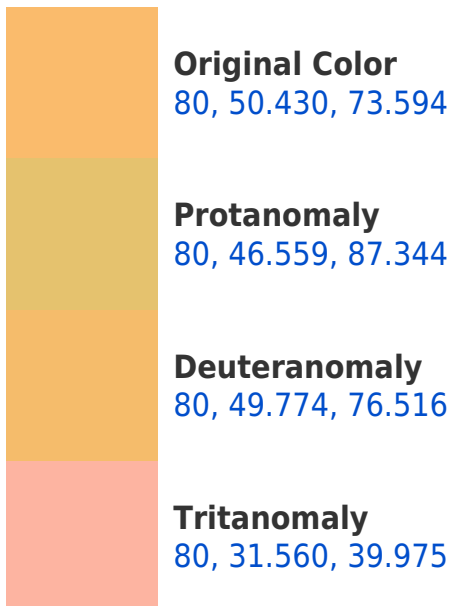
Dichromacy





Tritanopia
80, 30.632, 8.277

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 50.430, 73.594 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, 187, 108)` looks like.

```
.text, #text, p{  
    color:rgb(250, 187, 108)  
}
```

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, 187, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 187, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 50.430, 73.594 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, 187, 108) }
```

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

```
.border{ border-color:rgb(250, 187, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 187, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 187, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 187, 108);  
box-shadow:4px 4px 4px 4px rgb(250, 187,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 50.430, 73.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 187, 108) }
```

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

```
.background{ background-color: rgb(250,  
187, 108) }
```

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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