

Converting Colors

CIELCh(79, 63.776, 77.116)

Have a look what the booklet for
CIELCh(79, 63.776, 77.116) contains.

CIELCh(79, 63.813, 77.071)	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(79, 63.813, 77.071)

Conversions

Conversions Part 1

Format	Color
Hex	FAB74B
RGB	250, 183, 75
RGB Percent	98%, 72%, 29%
CMY	0.0180, 0.2809, 0.7045
CMYK	0.00, 0.27, 0.70, 0.02
HSL	37°, 95%, 64%
HSV	37°, 70%, 98%
XYZ	57.8615, 54.9284, 14.2733
YIQ	190.7210, 74.6000, -19.3840

Conversions

Conversions Part 2

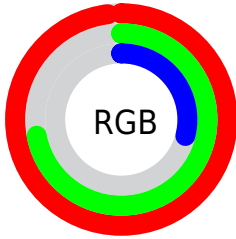
Format	Color
RYB	184, 250, 75
Decimal	16430923
CIELab	79.00, 14.28, 62.20
CIElCh	79, 63.813, 77.071
Yxy	54.9284, 0.4554, 0.4323
Android (android.graphics.Color)	4294621003 (0xFFFA74B)
YUV	190.7210, -57.0505, 51.9877
Hunter-Lab	74.1137, 9.6583, 40.4611

Details

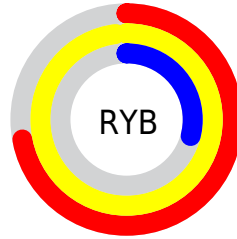
The CIELCh color **79, 63.813, 77.071** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **60, 61.665, 282.773**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 55.358, 98.965**, and **59, 63.791, 76.986** is the 20% darker color. If you saturate the color by 10%, you get **77, 71.876, 75.271**, and if you desaturate by 10%, it is **82, 54.753, 78.674**.

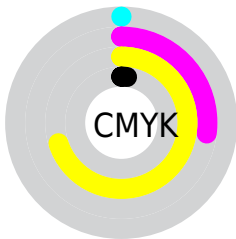
Distribution



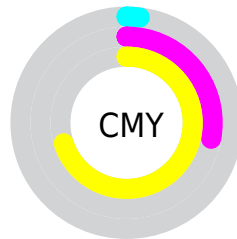
- Red (98%)
- Green (72%)
- Blue (29%)



- Red (72%)
- Yellow (98%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (70%)
- Black (2%)



- Cyan (2%)
- Magenta (28%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 63.813, 77.071 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 79, 63.813, 77.071 by changing the saturation by 10% instead.

79, 63.813, 77.071

79, 63.813, 77.071

100, 63.813,
77.071

69, 63.813, 77.071

99, 63.813, 77.071

59, 63.813, 77.071

49, 63.813, 77.071

39, 63.813, 77.071

29, 63.813, 77.071

19, 63.813, 77.071

9, 63.813, 77.071

0, 63.813, 77.071

79, 63.813, 77.071

79, 63.813, 77.071

77, 71.876, 75.271

82, 54.753, 78.674

74, 77.993, 73.078

84, 45.320, 80.170

72, 81.534, 70.327

87, 35.852, 81.606

72, 81.564, 70.301

90, 26.523, 82.999

93, 17.408, 84.350

95, 8.537, 85.648

98, 0.091, 270.587

100, 1.594,
199.720

Harmonies

Complementary

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



79, 63.813, 77.071



60, 61.665, 282.773

Rectangle

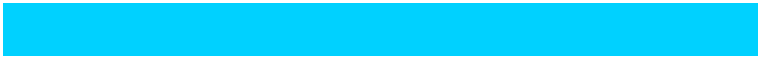
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 63.813, 77.071



79, 63.813, 127.071



79, 63.813, 257.071



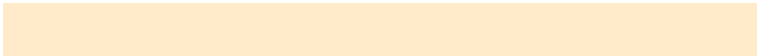
79, 63.813, 307.071

Sweetspot

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



79, 63.812, 77.074



94, 18.668, 84.202



59, 70.553, 1.545



49, 12.685, 83.831



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 63.812, 77.074



77, 75.765, 74.417



94, 81.852, 109.801



51, 4.888, 85.700



55, 65.894, 70.921



17, 26.374, 73.539

Inverse Universe

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



60, 61.665, 282.773



54, 76.119, 288.120



45, 101.328, 303.769



49, 4.858, 268.263



35, 71.924, 293.637



9, 28.198, 287.757

Previews

White Background



This preview shows how the CIELCh color 79, 63.813, 77.071 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 79, 63.813, 77.071 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 79, 63.813, 77.071

Background



This preview shows how black text looks on a background with the CIELCh color 79, 63.813, 77.071.



This preview shows how white text looks on a background with the CIELCh color 79, 63.813, 77.071.

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

79, 63.813, 77.071

Protanopia

79, 59.965, 95.488

Deuteranopia

79, 62.926, 80.673



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 63.813, 77.071

Protanomaly
79, 60.284, 88.236

Deuteranomaly
79, 63.189, 79.459

Tritanomaly
79, 36.174, 48.222

Monochromacy



Original Color
79, 63.813, 77.071

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 23.229, 82.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 63.813, 77.071 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, 183, 75)` looks like.

```
.text, #text, p{  
    color:rgb(250, 183, 75)  
}
```

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, 183, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 183, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 63.813, 77.071 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, 183, 75) }
```

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

```
.border{ border-color:rgb(250, 183, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 183, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 183, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 183, 75);  
box-shadow:4px 4px 4px 4px rgb(250, 183,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 63.813, 77.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 183, 75) }
```

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

```
.background{ background-color: rgb(250,  
183, 75) }
```

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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