

Converting Colors

CIELCh(79, 67.367, 76.426)

Have a look what the booklet for
CIELCh(79, 67.367, 76.426) contains.

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Color

CIELCh(79, 67.094, 76.446)

Conversions

Conversions Part 1

Format	Color
Hex	FDB644
RGB	253, 182, 68
RGB Percent	99%, 71%, 27%
CMY	0.0066, 0.2852, 0.7322
CMYK	0.00, 0.28, 0.73, 0.01
HSL	37°, 98%, 63%
HSV	37°, 73%, 99%
XYZ	58.4561, 54.9284, 13.0339
YIQ	190.2330, 78.9100, -20.4020

Conversions

Conversions Part 2

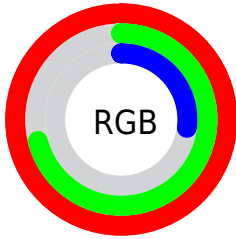
Format	Color
RYB	183, 253, 68
Decimal	16627268
CIELab	79.00, 15.72, 65.23
CIELCh	79, 67.094, 76.446
Yxy	54.9284, 0.4624, 0.4345
Android (android.graphics.Color)	4294817348 (0xFFFDDB644)
YUV	190.2330, -60.2609, 55.0467
Hunter-Lab	74.1137, 11.0903, 41.4526

Details

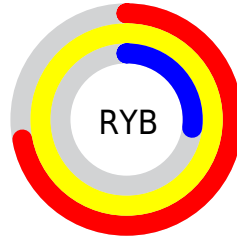
The CIELCh color **79, 67.094, 76.446** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **59, 65.108, 283.853**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 58.192, 98.610**, and **59, 66.690, 76.052** is the 20% darker color. If you saturate the color by 10%, you get **77, 74.731, 74.545**, and if you desaturate by 10%, it is **82, 58.180, 78.101**.

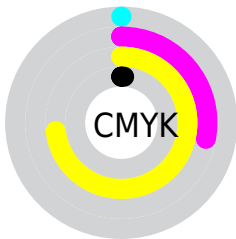
Distribution



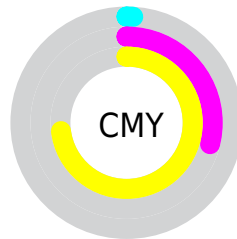
- Red (99%)
- Green (71%)
- Blue (27%)



- Red (72%)
- Yellow (99%)
- Blue (27%)



- Cyan (0%)
- Magenta (28%)
- Yellow (73%)
- Black (1%)



- Cyan (1%)
- Magenta (29%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 67.094, 76.446 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, 67.094, 76.446 by changing the saturation by 10% instead.

 79, 67.094, 76.446

 79, 67.094, 76.446

 100, 67.094,
76.446

 69, 67.094, 76.446

 99, 67.094, 76.446

 59, 67.094, 76.446

 49, 67.094, 76.446

 39, 67.094, 76.446

 29, 67.094, 76.446

 19, 67.094, 76.446

 9, 67.094, 76.446

 0, 67.094, 76.446

 79, 67.094, 76.446

 79, 67.094, 76.446

77, 74.731, 74.545

82, 58.180, 78.101

74, 80.066, 72.169

84, 48.728, 79.624

73, 82.291, 70.194

87, 39.159, 81.077

90, 29.689, 82.483

93, 20.420, 83.849

96, 11.393, 85.168

98, 2.615, 86.359

100, 0.588,
200.496

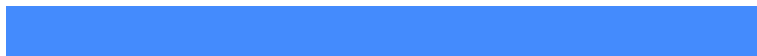
Harmonies

Complementary

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



79, 67.094, 76.446



59, 65.108, 283.853

Rectangle

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



79, 67.094, 76.446



79, 67.094, 126.446



79, 67.094, 256.446



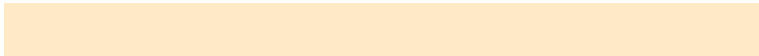
79, 67.094, 306.446

Sweetspot

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



79, 67.093, 76.449



93, 19.570, 83.988



59, 73.659, 1.214



49, 13.200, 83.623



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, 67.093, 76.449



76, 78.137, 73.437



95, 85.056, 108.860



52, 4.965, 85.618



56, 66.565, 70.804



18, 27.520, 73.458

Inverse Universe

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



59, 65.108, 283.853



52, 79.926, 289.637



43, 106.995, 304.004



50, 4.935, 268.187



35, 72.606, 293.615



9, 29.143, 288.036

Previews

White Background



This preview shows how the CIELCh color 79, 67.094, 76.446 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, 67.094, 76.446 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, 67.094, 76.446

Background



This preview shows how black text looks on a background with the CIELCh color 79, 67.094, 76.446.



This preview shows how white text looks on a background with the CIELCh color 79, 67.094, 76.446.

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, 67.094, 76.446

Protanopia

79, 62.932, 95.217

Deuteranopia

79, 66.239, 81.112



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 67.094, 76.446

Protanomaly
79, 63.279, 88.282

Deuteranomaly
79, 66.711, 79.620

Tritanomaly
79, 37.501, 49.858

Monochromacy



Original Color
79, 67.094, 76.446

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 24.873, 82.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 67.094, 76.446 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(253, 182, 68)` looks like.

```
.text, #text, p{  
    color:rgb(253, 182, 68)  
}
```

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(253, 182, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 182, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 67.094, 76.446 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(253, 182, 68) }
```

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

```
.border{ border-color:rgb(253, 182, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 182, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 182, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 182, 68);  
box-shadow:4px 4px 4px 4px rgb(253, 182,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 67.094, 76.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 182, 68) }
```

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

```
.background{ background-color: rgb(253,  
182, 68) }
```

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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