

Converting Colors

CIELCh(79, 50.741, 68.164)

Have a look what the booklet for
CIELCh(79, 50.741, 68.164) contains.

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Color

CIELCh(79, 50.668, 68.462)

Conversions

Conversions Part 1

Format	Color
Hex	FDB56C
RGB	253, 181, 108
RGB Percent	99%, 71%, 42%
CMY	0.0084, 0.2907, 0.5770
CMYK	0.00, 0.28, 0.57, 0.01
HSL	30°, 97%, 71%
HSV	30°, 57%, 99%
XYZ	59.6506, 54.9284, 21.6108
YIQ	194.2060, 66.3450, -7.4390

Conversions

Conversions Part 2

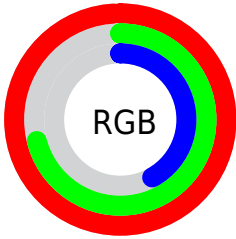
Format	Color
RYB	251, 253, 108
Decimal	16627052
CIELab	79.00, 18.60, 47.13
CIELCh	79, 50.668, 68.462
Yxy	54.9284, 0.4380, 0.4033
Android (android.graphics.Color)	4294817132 (0xFFFDB56C)
YUV	194.2060, -42.4996, 51.5623
Hunter-Lab	74.1137, 13.9673, 34.5913

Details

The CIELCh color **79, 50.668, 68.462** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 42.986, 267.698**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 39.303, 96.556**, and **59, 50.560, 68.255** is the 20% darker color. If you saturate the color by 10%, you get **76, 60.438, 67.079**, and if you desaturate by 10%, it is **82, 40.980, 69.785**.

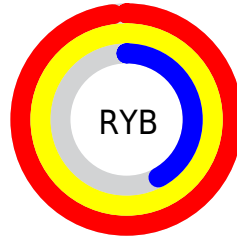
Distribution



Red (99%)

Green (71%)

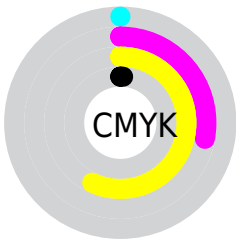
Blue (42%)



Red (98%)

Yellow (99%)

Blue (42%)

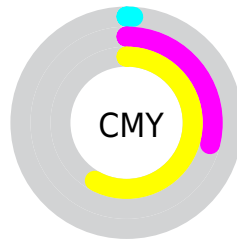


Cyan (0%)

Magenta (28%)

Yellow (57%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 50.668, 68.462 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, 50.668, 68.462 by changing the saturation by 10% instead.

 79, 50.668, 68.462

 79, 50.668, 68.462

 100, 50.668,
68.462

 69, 50.668, 68.462

 99, 50.668, 68.462

 59, 50.668, 68.462

 49, 50.668, 68.462

 39, 50.668, 68.462

 29, 50.668, 68.462

 19, 50.668, 68.462

 9, 50.668, 68.462

 0, 50.668, 68.462

 79, 50.668, 68.462

 79, 50.668, 68.462

76, 60.438, 67.079

82, 40.980, 69.785

73, 69.826, 65.518

86, 31.593, 71.078

70, 77.956, 63.560

89, 22.590, 72.357

67, 83.640, 60.858

93, 13.991, 73.616

67, 84.912, 60.093

97, 5.782, 74.824

100, 0.747,
200.245

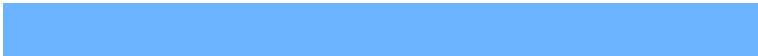
Harmonies

Complementary

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



79, 50.668, 68.462



71, 42.986, 267.698

Rectangle

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



79, 50.668, 68.462



79, 50.668, 118.462



79, 50.668, 248.462



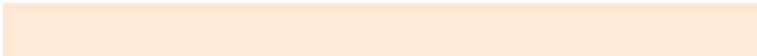
79, 50.668, 298.462

Sweetspot

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



79, 50.667, 68.466



94, 13.804, 73.657



66, 63.312, 350.308



49, 9.277, 73.406



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, 50.667, 68.466



76, 62.474, 66.831



97, 70.014, 104.790



51, 4.536, 74.571



51, 68.593, 60.784



16, 27.009, 62.179

Inverse Universe

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



71, 42.986, 267.698



67, 51.608, 271.837



53, 83.034, 299.160



51, 4.437, 257.111



41, 58.723, 284.532



12, 23.885, 278.005

Previews

White Background



This preview shows how the CIELCh color 79, 50.668, 68.462 looks on a white background.

Color Contrast Check

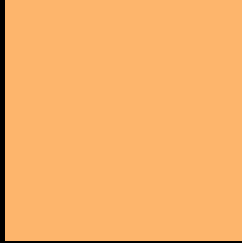
Large Text (above 18pt) WCAG AA × Fail

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, 50.668, 68.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

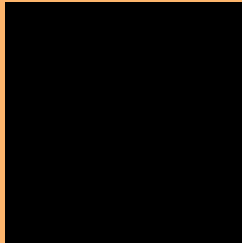
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 50.668, 68.462

Background



This preview shows how black text looks on a background with the CIELCh color 79, 50.668, 68.462.



This preview shows how white text looks on a background with the CIELCh color 79, 50.668, 68.462.

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, 50.668, 68.462

Protanopia

79, 44.080, 95.643

Deuteranopia

79, 48.444, 77.985



Tritanopia
79, 31.770, 10.844

Trichromacy



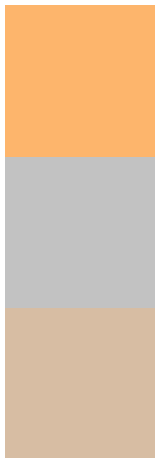
Original Color
79, 50.668, 68.462

Protanomaly
79, 45.013, 84.476

Deuteranomaly
79, 49.328, 74.505

Tritanomaly
79, 33.489, 38.204

Monochromacy



Original Color
79, 50.668, 68.462

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 17.351, 72.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 50.668, 68.462 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, 181, 108)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 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(253, 181, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 50.668, 68.462 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, 181, 108) }
```

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

```
.border{ border-color:rgb(253, 181, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 181, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 108);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 50.668, 68.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 108) }
```

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

```
.background{ background-color: rgb(253,  
181, 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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