

Converting Colors

CIELCh(79, 52.665, 67.894)

Have a look what the booklet for
CIELCh(79, 52.665, 67.894) contains.

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Color

CIELCh(79, 52.452, 67.923)

Conversions

Conversions Part 1

Format	Color
Hex	FFB469
RGB	255, 180, 105
RGB Percent	100%, 71%, 41%
CMY	0.0000, 0.2941, 0.5882
CMYK	0.00, 0.29, 0.59, 0.00
HSL	30°, 100%, 71%
HSV	30°, 59%, 100%
XYZ	60.1171, 54.9284, 20.8008
YIQ	193.8750, 68.7750, -7.4250

Conversions

Conversions Part 2

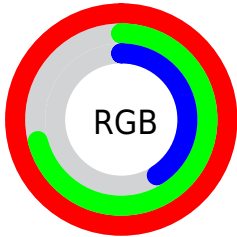
Format	Color
RYB	255, 255, 105
Decimal	16757865
CIELab	79.00, 19.71, 48.61
CIELCh	79, 52.452, 67.923
Yxy	54.9284, 0.4425, 0.4043
Android (android.graphics.Color)	4294947945 (0xFFFFB469)
YUV	193.8750, -43.8154, 53.6066
Hunter-Lab	74.1137, 15.0909, 35.2392

Details

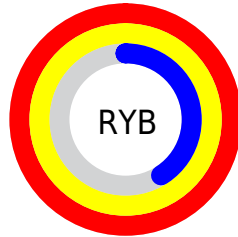
The CIELCh color **79, 52.452, 67.923** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 44.133, 267.811**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 40.388, 96.133**, and **59, 52.388, 67.576** is the 20% darker color. If you saturate the color by 10%, you get **76, 62.288, 66.537**, and if you desaturate by 10%, it is **82, 42.653, 69.246**.

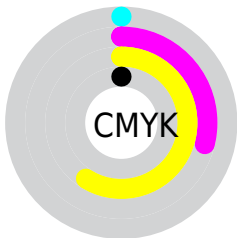
Distribution



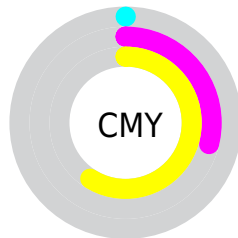
- Red (100%)
- Green (71%)
- Blue (41%)



- Red (100%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 52.452, 67.923 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, 52.452, 67.923 by changing the saturation by 10% instead.

 79, 52.452, 67.923

 79, 52.452, 67.923


 100, 52.452,
67.923

 69, 52.452, 67.923

 99, 52.452, 67.923

 59, 52.452, 67.923

 49, 52.452, 67.923

 39, 52.452, 67.923

 29, 52.452, 67.923

 19, 52.452, 67.923

 9, 52.452, 67.923

 0, 52.452, 67.923

 79, 52.452, 67.923

 79, 52.452, 67.923

76, 62.288, 66.537

82, 42.653, 69.246

73, 71.651, 64.946

86, 33.145, 70.534

70, 79.585, 62.910

89, 24.025, 71.808

67, 85.015, 60.122

93, 15.316, 73.065

67, 85.595, 59.790

97, 7.008, 74.282

100, 0.012,
296.813

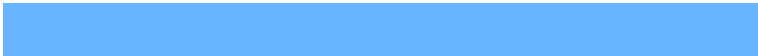
Harmonies

Complementary

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



79, 52.452, 67.923



71, 44.133, 267.811

Rectangle

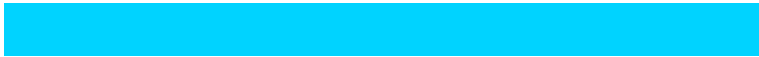
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 52.452, 67.923



79, 52.452, 117.923



79, 52.452, 247.923



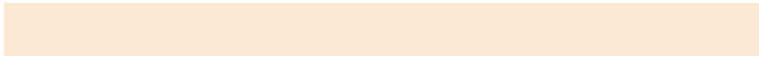
79, 52.452, 297.923

Sweetspot

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



79, 52.449, 67.930



93, 14.621, 73.167



65, 65.125, 350.579



49, 10.231, 72.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 52.449, 67.930



75, 64.396, 66.213



98, 72.044, 104.671



51, 4.525, 74.202



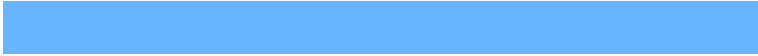
51, 68.690, 60.500



16, 27.010, 61.835

Inverse Universe

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



71, 44.133, 267.811



66, 52.741, 272.237



52, 85.992, 299.494



51, 4.425, 256.736



41, 58.318, 284.195



12, 23.736, 277.641

Previews

White Background



This preview shows how the CIELCh color 79, 52.452, 67.923 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, 52.452, 67.923 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, 52.452, 67.923

Background



This preview shows how black text looks on a background with the CIELCh color 79, 52.452, 67.923.



This preview shows how white text looks on a background with the CIELCh color 79, 52.452, 67.923.

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
79, 31.738, 11.789

Trichromacy



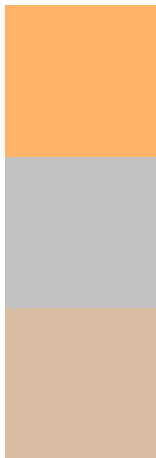
Original Color
79, 52.452, 67.923

Protanomaly
79, 46.132, 84.312

Deuteranomaly
79, 50.512, 74.526

Tritanomaly
79, 34.354, 39.604

Monochromacy



Original Color
79, 52.452, 67.923

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 18.038, 72.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 52.452, 67.923 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(255, 180, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 105)  
}
```

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(255, 180, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 52.452, 67.923 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(255, 180, 105) }
```

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

```
.border{ border-color:rgb(255, 180, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 52.452, 67.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 105) }
```

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

```
.background{ background-color: rgb(255,  
180, 105) }
```

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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