

Converting Colors

CIELCh(80, 57.256, 64.170)

Have a look what the booklet for
CIELCh(80, 57.256, 64.170) contains.

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Color

CIELCh(79, 53.643, 68.078)

Conversions

Conversions Part 1

Format	Color
Hex	FFB467
RGB	255, 180, 103
RGB Percent	100%, 71%, 40%
CMY	0.0000, 0.2951, 0.5972
CMYK	0.00, 0.30, 0.60, 0.00
HSL	30°, 100%, 70%
HSV	30°, 60%, 100%
XYZ	60.2488, 54.9284, 20.1797
YIQ	193.6470, 69.4170, -8.0470

Conversions

Conversions Part 2

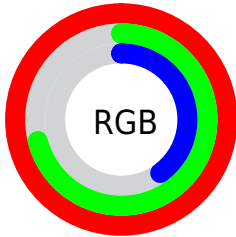
Format	Color
R _Y B	251, 255, 103
Decimal	16757863
CIE Lab	79.00, 20.03, 49.76
CIE LCh	79, 53.643, 68.078
Yxy	54.9284, 0.4451, 0.4058
Android (android.graphics.Color)	4294947943 (0xFFFFB467)
YUV	193.6470, -44.6890, 53.8066
Hunter-Lab	74.1137, 15.4080, 35.7361

Details

The CIELCh color **79, 53.643, 68.078** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 45.144, 268.754**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 41.362, 96.288**, and **59, 53.586, 68.274** is the 20% darker color. If you saturate the color by 10%, you get **76, 63.182, 66.940**, and if you desaturate by 10%, it is **82, 43.602, 69.703**.

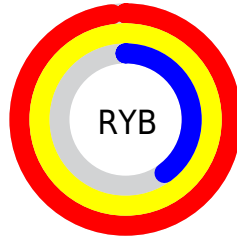
Distribution



Red (100%)

Green (71%)

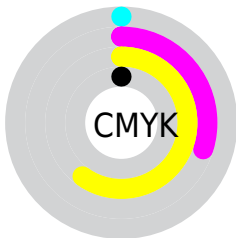
Blue (40%)



Red (98%)

Yellow (100%)

Blue (40%)

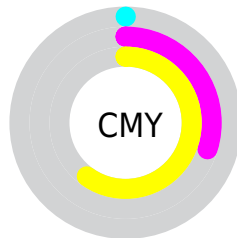


Cyan (0%)

Magenta (30%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 53.643, 68.078 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, 53.643, 68.078 by changing the saturation by 10% instead.

 79, 53.643, 68.078

 79, 53.643, 68.078

 100, 53.643,
68.078

 69, 53.643, 68.078

 99, 53.643, 68.078

 59, 53.643, 68.078

 49, 53.643, 68.078

 39, 53.643, 68.078

 29, 53.643, 68.078

 19, 53.643, 68.078

 9, 53.643, 68.078

 0, 53.643, 68.078

 79, 53.643, 68.078

 79, 53.643, 68.078

76, 63.182, 66.940

82, 43.602, 69.703

73, 72.403, 65.300

86, 34.068, 71.007

70, 80.064, 63.187

89, 24.904, 72.294

67, 85.247, 60.347

93, 16.142, 73.564

67, 85.381, 60.270

96, 7.775, 74.796

100, 0.012,
296.813

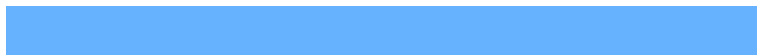
Harmonies

Complementary

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



79, 53.643, 68.078



71, 45.144, 268.754

Rectangle

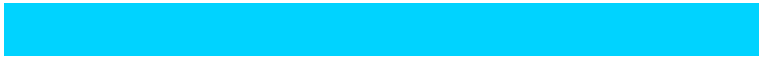
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 53.643, 68.078



79, 53.643, 118.078



79, 53.643, 248.078



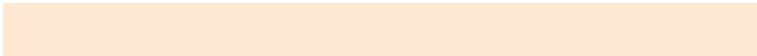
79, 53.643, 298.078

Sweetspot

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



79, 53.396, 68.365



93, 14.671, 73.780



65, 65.951, 350.746



49, 10.264, 73.415



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, 53.396, 68.365



75, 65.357, 66.593



98, 72.977, 104.601



51, 4.543, 74.822



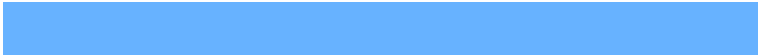
51, 68.528, 60.979



16, 27.009, 62.415

Inverse Universe

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



71, 45.144, 268.754



65, 53.945, 273.262



52, 87.446, 299.696



51, 4.446, 257.366



41, 58.999, 284.759



12, 23.986, 278.251

Previews

White Background



This preview shows how the CIELCh color 79, 53.643, 68.078 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, 53.643, 68.078 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, 53.643, 68.078

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.643, 68.078.



This preview shows how white text looks on a background with the CIELCh color 79, 53.643, 68.078.

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, 32.188, 11.042

Trichromacy



Original Color
79, 53.287, 68.450

Protanomaly
79, 47.535, 84.782

Deuteranomaly
79, 51.390, 74.966

Tritanomaly
79, 34.800, 39.425

Monochromacy



Original Color
79, 53.287, 68.450

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 18.747, 72.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.643, 68.078 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.643, 68.078 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, 103) }
```

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

```
.border{ border-color:rgb(255, 180, 103) }
```

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, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.643, 68.078 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, 103) }
```

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

```
.background{ background-color: rgb(255,  
180, 103) }
```

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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