

Converting Colors

CIELCh(81, 58.492, 59.678)

Have a look what the booklet for
CIELCh(81, 58.492, 59.678) contains.

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Color

CIELCh(79, 51.519, 66.061)

Conversions

Conversions Part 1

Format	Color
Hex	FFB36C
RGB	255, 179, 108
RGB Percent	100%, 70%, 42%
CMY	0.0000, 0.2972, 0.5759
CMYK	0.00, 0.30, 0.58, 0.00
HSL	29°, 100%, 71%
HSV	29°, 58%, 100%
XYZ	60.6187, 54.9284, 21.6346
YIQ	193.6300, 68.0870, -5.9690

Conversions

Conversions Part 2

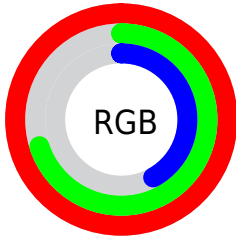
Format	Color
R _Y B	255, 245, 108
Decimal	16757612
CIE Lab	79.00, 20.90, 47.09
CIE LCh	79, 51.519, 66.061
Yxy	54.9284, 0.4419, 0.4004
Android (android.graphics.Color)	4294947692 (0xFFFFB36C)
YUV	193.6300, -42.2156, 53.8215
Hunter-Lab	74.1137, 16.2989, 34.5722

Details

The CIELCh color **79, 51.519, 66.061** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **73, 42.324, 265.576**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.549, 95.185**, and **59, 51.155, 66.143** is the 20% darker color. If you saturate the color by 10%, you get **76, 61.051, 65.208**, and if you desaturate by 10%, it is **82, 41.283, 67.788**.

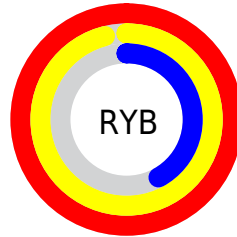
Distribution



Red (100%)

Green (70%)

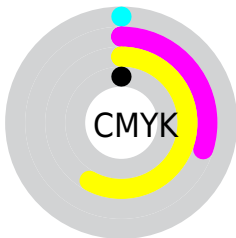
Blue (42%)



Red (100%)

Yellow (96%)

Blue (42%)

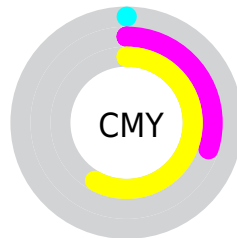


Cyan (0%)

Magenta (30%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 51.519, 66.061 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, 51.519, 66.061 by changing the saturation by 10% instead.

 79, 51.519, 66.061

 79, 51.519, 66.061

 100, 51.519,
66.061

 69, 51.519, 66.061

 99, 51.519, 66.061

 59, 51.519, 66.061

 49, 51.519, 66.061

 39, 51.519, 66.061

 29, 51.519, 66.061

 19, 51.519, 66.061

 9, 51.519, 66.061

 0, 51.519, 66.061

 79, 51.519, 66.061

 79, 51.519, 66.061

76, 61.051, 65.208

82, 41.283, 67.788

72, 70.668, 63.718

86, 31.809, 69.030

69, 79.057, 61.821

90, 22.759, 70.266

67, 84.997, 59.155

93, 14.146, 71.490

66, 86.222, 58.479

97, 5.952, 72.669

100, 0.012,
296.813

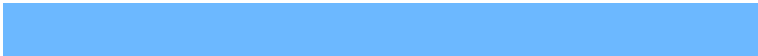
Harmonies

Complementary

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



79, 51.519, 66.061



73, 42.324, 265.576

Rectangle

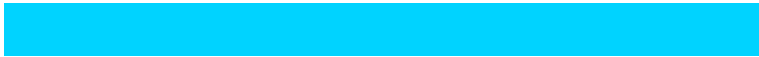
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 51.519, 66.061



79, 51.519, 116.061



79, 51.519, 246.061



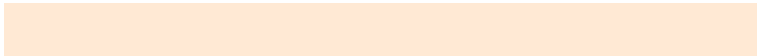
79, 51.519, 296.061

Sweetspot

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



79, 51.101, 66.528



93, 13.651, 71.561



66, 64.505, 349.292



49, 9.178, 71.317



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, 51.101, 66.528



75, 62.442, 65.012



97, 69.796, 103.978



51, 4.480, 72.452



51, 69.166, 59.190



16, 27.030, 60.230

Inverse Universe

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



73, 42.324, 265.576



68, 50.072, 269.648



54, 82.516, 298.658



51, 4.370, 254.953



42, 56.451, 282.567



12, 23.055, 275.887

Previews

White Background



This preview shows how the CIELCh color 79, 51.519, 66.061 looks on a white background.

Color Contrast Check

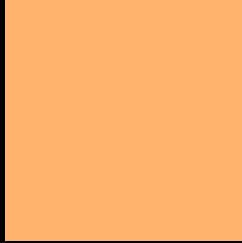
Large Text (above 18pt) WCAG AA × Fail

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, 51.519, 66.061 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, 51.519, 66.061

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.519, 66.061.

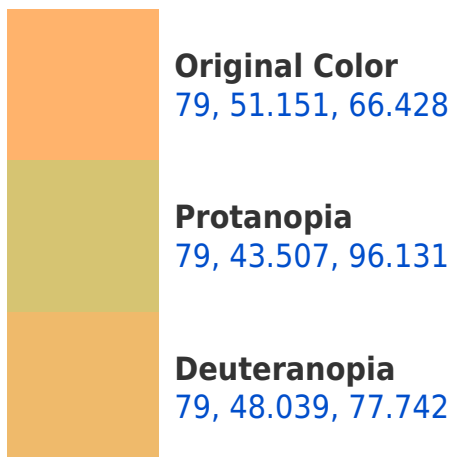


This preview shows how white text looks on a background with the CIELCh color 79, 51.519, 66.061.

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, 32.159, 11.976

Trichromacy



Original Color
79, 51.151, 66.428

Protanomaly
79, 44.542, 84.304

Deuteranomaly
79, 49.193, 73.826

Tritanomaly
79, 34.564, 38.654

Monochromacy



Original Color
79, 51.151, 66.428

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 17.600, 71.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.519, 66.061 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, 179, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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(255, 179, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.519, 66.061 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, 179, 108) }
```

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

```
.border{ border-color:rgb(255, 179, 108) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.519, 66.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 108) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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