

Converting Colors

CIELCh(91, 85.184, 46.060)

Have a look what the booklet for
CIELCh(91, 85.184, 46.060) contains.

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Color

CIELCh(79, 48.650, 63.859)

Conversions

Conversions Part 1

Format	Color
Hex	FFB373
RGB	255, 179, 115
RGB Percent	100%, 70%, 45%
CMY	0.0000, 0.2981, 0.5494
CMYK	0.00, 0.30, 0.55, 0.00
HSL	27°, 100%, 73%
HSV	27°, 55%, 100%
XYZ	60.8428, 54.9284, 23.5890
YIQ	194.4280, 65.8400, -3.7920

Conversions

Conversions Part 2

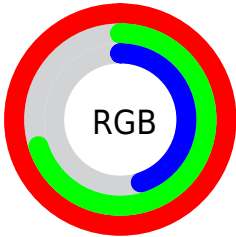
Format	Color
RYB	255, 233, 115
Decimal	16757619
CIELab	79.00, 21.43, 43.67
CIELCh	79, 48.650, 63.859
Yxy	54.9284, 0.4366, 0.3941
Android (android.graphics.Color)	4294947699 (0xFFFFB373)
YUV	194.4280, -39.1580, 53.1216
Hunter-Lab	74.1137, 16.8387, 33.0087

Details

The CIELCh color **79, 48.650, 63.859** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75, 39.156, 261.544**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 35.120, 94.390**, and **59, 48.274, 64.092** is the 20% darker color. If you saturate the color by 10%, you get **75, 58.396, 63.050**, and if you desaturate by 10%, it is **82, 38.489, 65.390**.

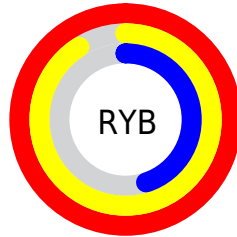
Distribution



Red (100%)

Green (70%)

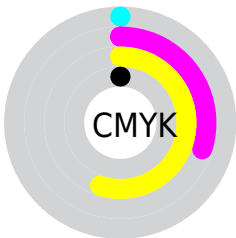
Blue (45%)



Red (100%)

Yellow (91%)

Blue (45%)

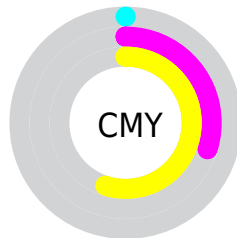


Cyan (0%)

Magenta (30%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 48.650, 63.859 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, 48.650, 63.859 by changing the saturation by 10% instead.

 79, 48.650, 63.859

 79, 48.650, 63.859

 100, 48.650,
63.859

 69, 48.650, 63.859

 99, 48.650, 63.859

 59, 48.650, 63.859

 49, 48.650, 63.859

 39, 48.650, 63.859

 29, 48.650, 63.859

 19, 48.650, 63.859

 9, 48.650, 63.859

 0, 48.650, 63.859

 79, 48.650, 63.859

 79, 48.650, 63.859

75, 58.396, 63.050

82, 38.489, 65.390

72, 68.400, 61.749

86, 29.106, 66.548

69, 77.561, 60.128

90, 20.202, 67.712

66, 84.625, 57.812

94, 11.771, 68.870

65, 87.353, 56.403

98, 3.783, 69.955

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, 48.650, 63.859



75, 39.156, 261.544

Rectangle

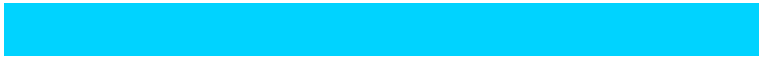
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 48.650, 63.859



79, 48.650, 113.859



79, 48.650, 243.859



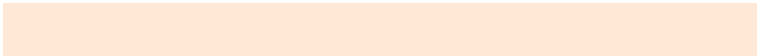
79, 48.650, 293.859

Sweetspot

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



79, 48.304, 64.234



94, 12.647, 68.748



68, 63.051, 346.814



49, 8.587, 68.511



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, 48.304, 64.234



75, 59.475, 62.919



96, 65.140, 102.564



51, 4.415, 69.483



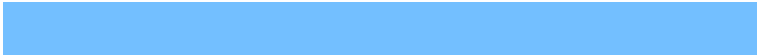
49, 70.032, 57.111



15, 27.110, 57.610

Inverse Universe

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



75, 39.156, 261.544



70, 46.223, 265.336



57, 75.455, 296.855



51, 4.288, 251.912



44, 53.462, 279.669



13, 21.977, 272.796

Previews

White Background



This preview shows how the CIELCh color 79, 48.650, 63.859 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, 48.650, 63.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

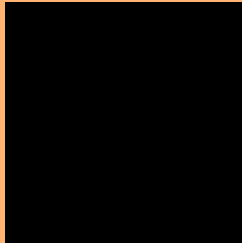
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 48.650, 63.859

Background



This preview shows how black text looks on a background with the CIELCh color 79, 48.650, 63.859.



This preview shows how white text looks on a background with the CIELCh color 79, 48.650, 63.859.

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



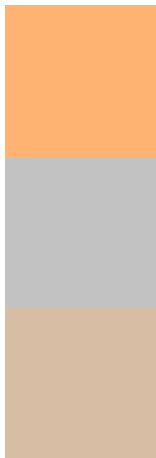
Original Color
79, 48.270, 64.225

Protanomaly
79, 41.038, 83.496

Deuteranomaly
79, 45.849, 72.411

Tritanomaly
79, 33.693, 35.458

Monochromacy



Original Color
79, 48.270, 64.225

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 16.739, 69.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 48.650, 63.859 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 48.650, 63.859 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, 115) }
```

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

```
.border{ border-color:rgb(255, 179, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 48.650, 63.859 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, 115) }
```

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

```
.background{ background-color: rgb(255,  
179, 115) }
```

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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