

Converting Colors

CIELCh(81, 52.051, 54.349)

Have a look what the booklet for
CIELCh(81, 52.051, 54.349) contains.

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Color

CIELCh(79, 45.050, 60.518)

Conversions

Conversions Part 1

Format	Color
Hex	FFB37C
RGB	255, 179, 124
RGB Percent	100%, 70%, 49%
CMY	0.0000, 0.2995, 0.5153
CMYK	0.00, 0.30, 0.52, 0.00
HSL	25°, 100%, 74%
HSV	25°, 52%, 100%
XYZ	61.1556, 54.9284, 26.3136
YIQ	195.4540, 62.9510, -0.9930

Conversions

Conversions Part 2

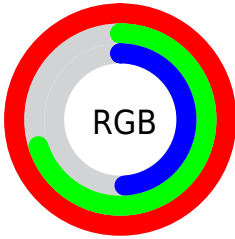
Format	Color
R_{YB}	255, 219, 124
Decimal	16757628
CIE _{Lab}	79.00, 22.17, 39.22
CIE _{LCh}	79, 45.050, 60.518
Yxy	54.9284, 0.4295, 0.3857
Android (android.graphics.Color)	4294947708 (0xFFFFB37C)
YUV	195.4540, -35.2268, 52.2218
Hunter-Lab	74.1137, 17.5919, 30.8291

Details

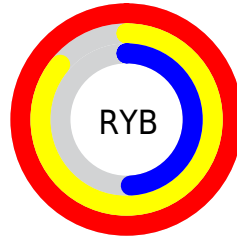
The CIELCh color **79, 45.050, 60.518** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 35.391, 255.615**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 30.699, 93.006**, and **59, 44.546, 60.871** is the 20% darker color. If you saturate the color by 10%, you get **75, 55.033, 59.782**, and if you desaturate by 10%, it is **83, 35.031, 61.750**.

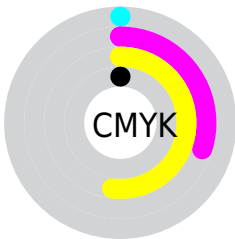
Distribution



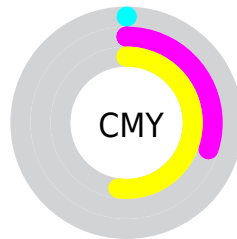
- Red (100%)
- Green (70%)
- Blue (49%)



- Red (100%)
- Yellow (86%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 45.050, 60.518 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, 45.050, 60.518 by changing the saturation by 10% instead.

 79, 45.050, 60.518

 79, 45.050, 60.518

 100, 45.050,
60.518

 69, 45.050, 60.518

 99, 45.050, 60.518

 59, 45.050, 60.518

 49, 45.050, 60.518

 39, 45.050, 60.518

 29, 45.050, 60.518

 19, 45.050, 60.518

 9, 45.050, 60.518

 0, 45.050, 60.518

 79, 45.050, 60.518

 79, 45.050, 60.518

75, 55.033, 59.782

83, 35.031, 61.750

72, 65.429, 58.755

87, 25.775, 62.770

68, 75.420, 57.519

91, 17.060, 63.814

65, 83.889, 55.737

95, 8.861, 64.858

63, 89.149, 53.626

99, 1.136, 65.540

100, 0.012,
296.813

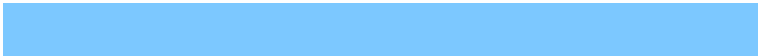
Harmonies

Complementary

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



79, 45.050, 60.518



78, 35.391, 255.615

Rectangle

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



79, 45.050, 60.518



79, 45.050, 110.518



79, 45.050, 240.518



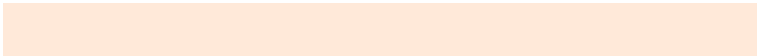
79, 45.050, 290.518

Sweetspot

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



79, 44.815, 60.760



94, 11.649, 64.498



69, 60.747, 344.406



49, 7.999, 64.278



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, 44.815, 60.760



75, 55.520, 59.735



95, 59.763, 101.161



51, 4.342, 65.063



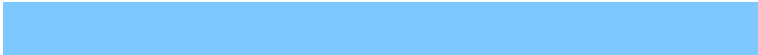
48, 71.418, 54.318



15, 27.321, 53.941

Inverse Universe

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



78, 35.391, 255.615



74, 41.583, 258.945



60, 67.634, 294.769



51, 4.192, 247.346



46, 49.408, 275.000



14, 20.544, 267.893

Previews

White Background



This preview shows how the CIELCh color 79, 45.050, 60.518 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, 45.050, 60.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

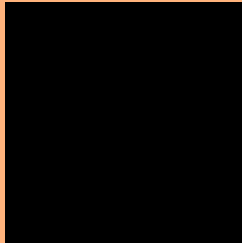
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 45.050, 60.518

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.050, 60.518.



This preview shows how white text looks on a background with the CIELCh color 79, 45.050, 60.518.

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, 44.656, 60.877

Protanopia

79, 35.375, 96.152

Deuteranopia

79, 40.924, 75.642



Tritanopia
79, 32.188, 11.042

Trichromacy



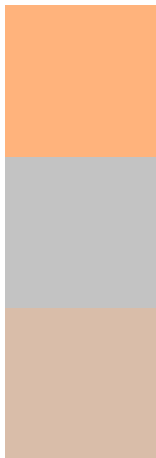
Original Color
79, 44.656, 60.877

Protanomaly
79, 36.749, 81.342

Deuteranomaly
79, 41.914, 69.564

Tritanomaly
79, 33.118, 32.949

Monochromacy



Original Color
79, 44.656, 60.877

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 15.386, 63.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.050, 60.518 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.050, 60.518 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, 124) }
```

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

```
.border{ border-color:rgb(255, 179, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.050, 60.518 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, 124) }
```

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

```
.background{ background-color: rgb(255,  
179, 124) }
```

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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