

Converting Colors

CIELCh(79, 50.512, 74.526)

Have a look what the booklet for
CIELCh(79, 50.512, 74.526) contains.

CIELCh(79, 50.512, 74.526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 50.512, 74.526)

Conversions

Conversions Part 1

Format	Color
Hex	F5B868
RGB	245, 184, 104
RGB Percent	96%, 72%, 41%
CMY	0.0376, 0.2770, 0.5908
CMYK	0.00, 0.25, 0.57, 0.04
HSL	34°, 88%, 69%
HSV	34°, 57%, 96%
XYZ	57.5340, 54.9284, 20.7603
YIQ	193.1190, 62.0360, -11.9480

Conversions

Conversions Part 2

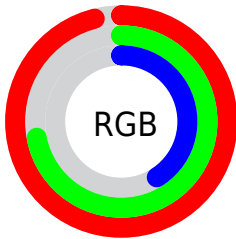
Format	Color
R_{YB}	212, 245, 104
Decimal	16103528
CIE _{Lab}	79.00, 13.48, 48.68
CIE _{LCh}	79, 50.512, 74.526
Yxy	54.9284, 0.4319, 0.4123
Android (android.graphics.Color)	4294293608 (0xFFFF5B868)
YUV	193.1190, -43.9357, 45.4996
Hunter-Lab	74.1137, 8.8695, 35.2716

Details

The CIELCh color **79, 50.512, 74.526** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 46.030, 274.234**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.423, 98.708**, and **59, 50.522, 74.713** is the 20% darker color. If you saturate the color by 10%, you get **76, 59.739, 72.997**, and if you desaturate by 10%, it is **82, 41.173, 75.975**.

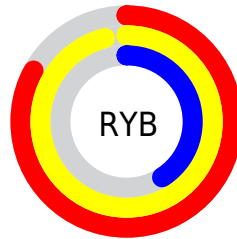
Distribution



Red (96%)

Green (72%)

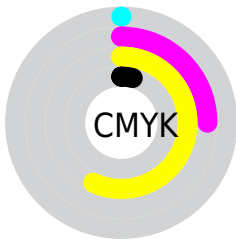
Blue (41%)



Red (83%)

Yellow (96%)

Blue (41%)

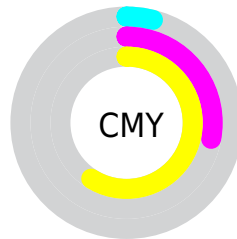


Cyan (0%)

Magenta (25%)

Yellow (57%)

Black (4%)



Cyan (4%)

Magenta (28%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 50.512, 74.526 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, 50.512, 74.526 by changing the saturation by 10% instead.

79, 50.512, 74.526

79, 50.512, 74.526

100, 50.512,
74.526

69, 50.512, 74.526

99, 50.512, 74.526

59, 50.512, 74.526

49, 50.512, 74.526

39, 50.512, 74.526

29, 50.512, 74.526

19, 50.512, 74.526

9, 50.512, 74.526

0, 50.512, 74.526

79, 50.512, 74.526

79, 50.512, 74.526

76, 59.739, 72.997

82, 41.173, 75.975

74, 68.358, 71.282

85, 31.976, 77.373

71, 75.509, 69.194

88, 23.034, 78.737

69, 80.161, 66.451

91, 14.388, 80.064

68, 81.128, 65.721

94, 6.043, 81.331

98, 2.016, 262.837

99, 3.316, 199.395

Harmonies

Complementary

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



79, 50.512, 74.526



67, 46.030, 274.234

Rectangle

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



79, 50.512, 74.526



79, 50.512, 124.526



79, 50.512, 254.526



79, 50.512, 304.526

Sweetspot

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



79, 50.512, 74.530



94, 14.424, 80.122



64, 60.175, 354.777



50, 9.683, 79.858



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, 50.512, 74.530



78, 63.037, 72.728



94, 68.608, 108.012



50, 4.601, 81.086



53, 65.802, 66.389



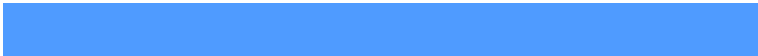
16, 24.815, 68.435

Inverse Universe

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



67, 46.030, 274.234



64, 57.071, 278.219



52, 81.112, 300.596



48, 4.544, 263.666



37, 65.014, 290.016



9, 24.973, 283.332

Previews

White Background



This preview shows how the CIELCh color 79, 50.512, 74.526 looks on a white background.

Color Contrast Check

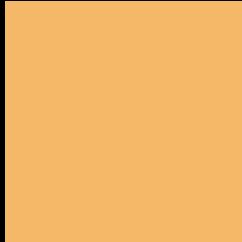
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 50.512, 74.526 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, 50.512, 74.526

Background



This preview shows how black text looks on a background with the CIELCh color 79, 50.512, 74.526.



This preview shows how white text looks on a background with the CIELCh color 79, 50.512, 74.526.

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, 50.512, 74.526

Protanopia

79, 46.505, 95.917

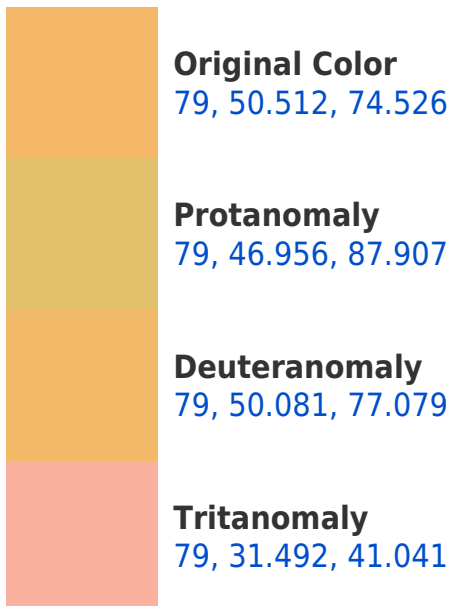
Deuteranopia

79, 49.796, 78.588

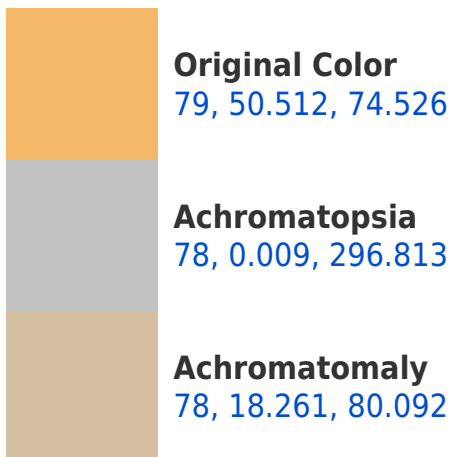


Tritanopia
79, 30.254, 9.080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 50.512, 74.526 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(245, 184, 104)` looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 104)  
}
```

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(245, 184, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 50.512, 74.526 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(245, 184, 104) }
```

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

```
.border{ border-color:rgb(245, 184, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 184, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 184, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 184, 104); box-shadow:4px 4px 4px 4px rgb(245, 184, 104) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 50.512, 74.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 104) }
```

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

```
.background{ background-color: rgb(245,  
184, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor