

Converting Colors

CIELCh(79, 46.998, 75.485)

Have a look what the booklet for
CIELCh(79, 46.998, 75.485) contains.

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Color

CIELCh(79, 46.950, 75.512)

Conversions

Conversions Part 1

Format	Color
Hex	F2BA6F
RGB	242, 186, 111
RGB Percent	95%, 73%, 44%
CMY	0.0524, 0.2719, 0.5659
CMYK	0.00, 0.23, 0.54, 0.05
HSL	34°, 83%, 69%
HSV	34°, 54%, 95%
XYZ	56.8306, 54.9284, 22.5539
YIQ	194.1940, 57.4510, -11.4530

Conversions

Conversions Part 2

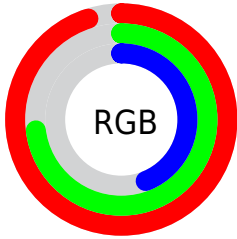
Format	Color
R _Y B	209, 242, 111
Decimal	15907439
CIE Lab	79.00, 11.75, 45.46
CIE LCh	79, 46.950, 75.512
Yxy	54.9284, 0.4231, 0.4090
Android (android.graphics.Color)	4294097519 (0xFFF2BA6F)
YUV	194.1940, -41.0146, 41.9259
Hunter-Lab	74.1137, 7.1753, 33.8367

Details

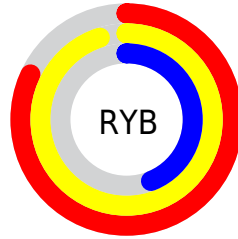
The CIELCh color $79, 46.950, 75.512$ is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be $67, 43.176, 273.710$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 39.809, 99.618$, and $59, 46.790, 75.405$ is the 20% darker color. If you saturate the color by 10%, you get $76, 56.123, 74.014$, and if you desaturate by 10%, it is $82, 37.757, 76.947$.

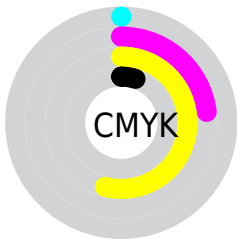
Distribution



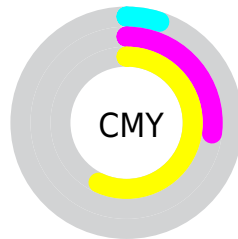
- Red (95%)
- Green (73%)
- Blue (44%)



- Red (82%)
- Yellow (95%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 46.950, 75.512 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, 46.950, 75.512 by changing the saturation by 10% instead.

 79, 46.950, 75.512

 79, 46.950, 75.512

 100, 46.950,
75.512

 69, 46.950, 75.512

 99, 46.950, 75.512

 59, 46.950, 75.512

 49, 46.950, 75.512

 39, 46.950, 75.512

 29, 46.950, 75.512

 19, 46.950, 75.512

 9, 46.950, 75.512

 0, 46.950, 75.512

 79, 46.950, 75.512

 79, 46.950, 75.512

76, 56.123, 74.014

82, 37.757, 76.947

74, 64.875, 72.370

85, 28.739, 78.337

71, 72.485, 70.433

88, 19.983, 79.691

69, 77.910, 67.939

91, 11.517, 81.005

67, 80.059, 66.240

94, 3.338, 82.220

97, 4.272, 261.560

99, 4.609, 199.257

Harmonies

Complementary

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



79, 46.950, 75.512



67, 43.176, 273.710

Rectangle

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



79, 46.950, 75.512



79, 46.950, 125.512



79, 46.950, 255.512



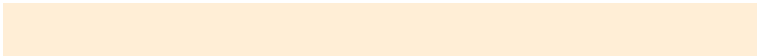
79, 46.950, 305.512

Sweetspot

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



79, 46.950, 75.516



95, 13.608, 80.766



64, 56.405, 354.123



50, 9.221, 80.496



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, 46.950, 75.516



80, 59.394, 73.859



92, 64.367, 108.242



49, 4.542, 81.604



52, 65.040, 66.908



15, 23.639, 68.887

Inverse Universe

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



67, 43.176, 273.710



65, 54.170, 277.273



54, 75.097, 299.980



47, 4.489, 264.179



36, 64.928, 290.387



8, 24.285, 283.363

Previews

White Background



This preview shows how the CIELCh color 79, 46.950, 75.512 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, 46.950, 75.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

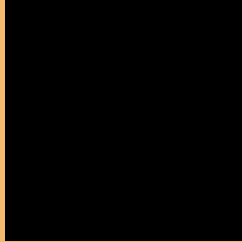
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 46.950, 75.512

Background



This preview shows how black text looks on a background with the CIELCh color 79, 46.950, 75.512.

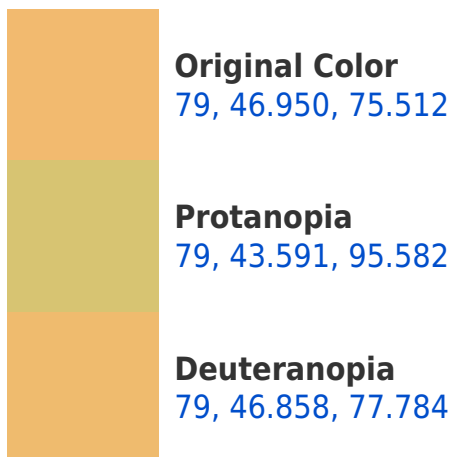


This preview shows how white text looks on a background with the CIELCh color 79, 46.950, 75.512.

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, 28.402, 6.910

Trichromacy



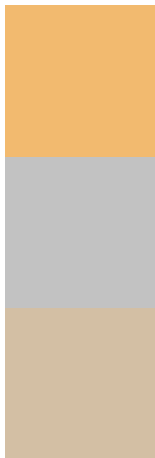
Original Color
79, 46.950, 75.512

Protanomaly
79, 43.949, 87.617

Deuteranomaly
79, 47.088, 77.335

Tritanomaly
79, 28.813, 41.626

Monochromacy



Original Color
79, 46.950, 75.512

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 16.443, 80.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 46.950, 75.512 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(242, 186, 111)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 111)  
}
```

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(242, 186, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 46.950, 75.512 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(242, 186, 111) }
```

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

```
.border{ border-color:rgb(242, 186, 111) }
```

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

Here you see how a box with a 4 pixel rgb(242, 186, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 111);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 46.950, 75.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 111) }
```

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

```
.background{ background-color: rgb(242,  
186, 111) }
```

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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