

Converting Colors

CIELCh(79, 30.081, 57.410)

Have a look what the booklet for
CIELCh(79, 30.081, 57.410) contains.

CIELCh(79, 30.367, 57.979)	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, 30.367, 57.979)

Conversions

Conversions Part 1

Format	Color
Hex	F1B895
RGB	241, 184, 149
RGB Percent	95%, 72%, 58%
CMY	0.0564, 0.2798, 0.4170
CMYK	0.00, 0.24, 0.38, 0.06
HSL	23°, 76%, 76%
HSV	23°, 38%, 94%
XYZ	58.6118, 54.9284, 35.8051
YIQ	197.0530, 45.2070, 1.1990

Conversions

Conversions Part 2

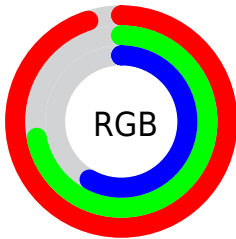
Format	Color
R _Y B	241, 205, 149
Decimal	15841429
CIE Lab	79.00, 16.10, 25.75
CIE LCh	79, 30.367, 57.979
Yxy	54.9284, 0.3925, 0.3678
Android (android.graphics.Color)	4294031509 (0xFFFF1B895)
YUV	197.0530, -23.6901, 38.5415
Hunter-Lab	74.1137, 11.4653, 23.2360

Details

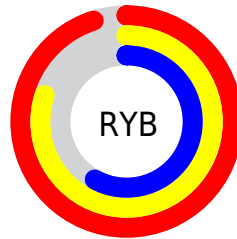
The CIELCh color **79, 30.367, 57.979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 25.019, 247.124**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 19.735, 91.996**, and **59, 30.293, 58.178** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.640, 57.177**, and if you desaturate by 10%, it is **83, 21.663, 58.847**.

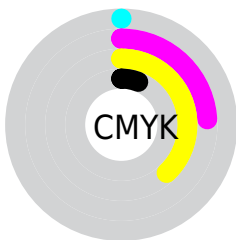
Distribution



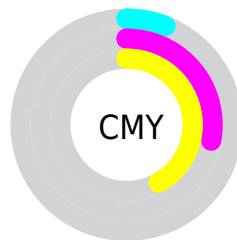
- Red (95%)
- Green (72%)
- Blue (58%)



- Red (95%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.367, 57.979 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, 30.367, 57.979 by changing the saturation by 10% instead.

79, 30.367, 57.979

79, 30.367, 57.979

100, 30.367,
57.979

69, 30.367, 57.979

99, 30.367, 57.979

59, 30.367, 57.979

49, 30.367, 57.979

39, 30.367, 57.979

29, 30.367, 57.979

19, 30.367, 57.979

9, 30.367, 57.979

0, 30.367, 57.979

79, 30.367, 57.979

79, 30.367, 57.979

75, 39.640, 57.177

83, 21.663, 58.847

71, 49.438, 56.419

87, 13.519, 59.748

68, 59.598, 55.675

91, 5.898, 60.646

64, 69.715, 54.830

96, 1.248, 242.122

61, 78.923, 53.608

99, 4.952, 199.225

59, 85.921, 51.593

58, 87.064, 51.246

Harmonies

Complementary

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



79, 30.367, 57.979



80, 25.019, 247.124

Rectangle

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



79, 30.367, 57.979



79, 30.367, 107.979



79, 30.367, 237.979



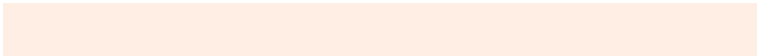
79, 30.367, 287.979

Sweetspot

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



79, 30.366, 57.985



95, 8.354, 60.400



73, 45.178, 340.269



50, 5.639, 60.278



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, 30.366, 57.985



80, 39.363, 57.340



90, 40.990, 99.882



48, 4.083, 60.538



45, 70.669, 51.900



12, 23.957, 49.178

Inverse Universe

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



80, 25.019, 247.124



81, 30.935, 248.935



68, 43.908, 289.708



48, 3.921, 242.611



46, 44.263, 269.541



12, 17.491, 261.072

Previews

White Background



This preview shows how the CIELCh color 79, 30.367, 57.979 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, 30.367, 57.979 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, 30.367, 57.979

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.367, 57.979.

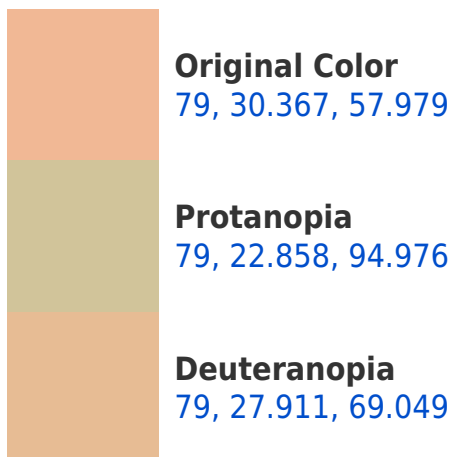


This preview shows how white text looks on a background with the CIELCh color 79, 30.367, 57.979.

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, 26.388, 6.698

Trichromacy



Original Color
79, 30.367, 57.979

Protanomaly
79, 24.190, 80.274

Deuteranomaly
79, 28.584, 64.719

Tritanomaly
79, 24.900, 26.274

Monochromacy



Original Color
79, 30.367, 57.979

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.648, 60.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.367, 57.979 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(241, 184, 149)` looks like.

```
.text, #text, p{  
    color:rgb(241, 184, 149)  
}
```

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(241, 184, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 184, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.367, 57.979 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(241, 184, 149) }
```

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

```
.border{ border-color:rgb(241, 184, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 184, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 184, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 184, 149);  
box-shadow:4px 4px 4px 4px rgb(241, 184,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.367, 57.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 184, 149) }
```

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

```
.background{ background-color: rgb(241,  
184, 149) }
```

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