

Converting Colors

CIELCh(78, 30.815, 39.337)

Have a look what the booklet for
CIELCh(78, 30.815, 39.337) contains.

CIELCh(78, 30.698, 39.553)	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(78, 30.698, 39.553)

Conversions

Conversions Part 1

Format	Color
Hex	F7B09E
RGB	247, 176, 158
RGB Percent	97%, 69%, 62%
CMY	0.0319, 0.3103, 0.3809
CMYK	0.00, 0.29, 0.36, 0.03
HSL	12°, 85%, 79%
HSV	12°, 36%, 97%
XYZ	59.9680, 53.2120, 39.4007
YIQ	195.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

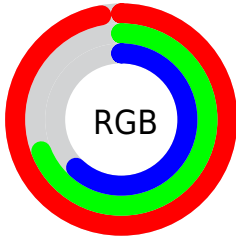
Format	Color
R _Y B	247, 181, 158
Decimal	16232606
CIE Lab	78.00, 23.67, 19.55
CIE LCh	78, 30.698, 39.553
Yxy	53.2120, 0.3930, 0.3487
Android (android.graphics.Color)	4294422686 (0xFFF7B09E)
YUV	195.1770, -18.3283, 45.4488
Hunter-Lab	72.9466, 19.0850, 19.0382

Details

The CIELCh color **78, 30.698, 39.553** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 23.701, 221.704**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 13.008, 68.148**, and **58, 30.707, 39.095** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.869, 39.887**, and if you desaturate by 10%, it is **83, 21.265, 39.419**.

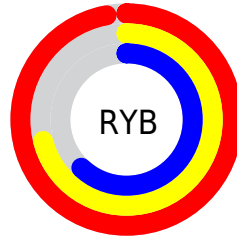
Distribution



Red (97%)

Green (69%)

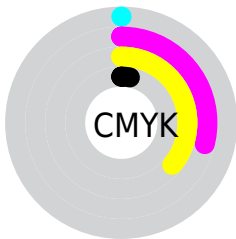
Blue (62%)



Red (97%)

Yellow (71%)

Blue (62%)

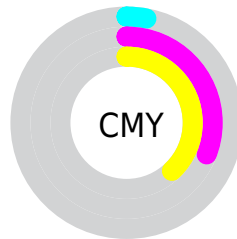


Cyan (0%)

Magenta (29%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.698, 39.553 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 78, 30.698, 39.553 by changing the saturation by 10% instead.

78, 30.698, 39.553

78, 30.698, 39.553

100, 30.698,
39.553

68, 30.698, 39.553

98, 30.698, 39.553

58, 30.698, 39.553

48, 30.698, 39.553

38, 30.698, 39.553

28, 30.698, 39.553

18, 30.698, 39.553

8, 30.698, 39.553

0, 30.698, 39.553

78, 30.698, 39.553

78, 30.698, 39.553

73, 40.869, 39.887

83, 21.265, 39.419

68, 51.740, 40.439

88, 12.562, 39.423

64, 63.163, 41.227

94, 4.541, 39.477

60, 74.789, 42.183

99, 2.699, 203.338

57, 85.819, 43.050

99, 2.819, 199.461

55, 94.565, 43.192

54, 97.308, 43.141

Harmonies

Complementary

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



78, 30.698, 39.553



87, 23.701, 221.704

Rectangle

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



78, 30.698, 39.553



78, 30.698, 89.553



78, 30.698, 219.553



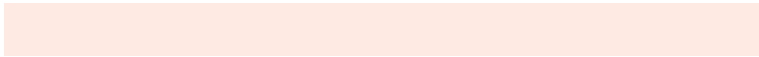
78, 30.698, 269.553

Sweetspot

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



78, 30.696, 39.559



94, 8.658, 39.457



76, 48.738, 332.892



49, 5.850, 39.447



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 30.696, 39.559



77, 38.709, 39.767



89, 34.000, 89.059



48, 4.300, 39.468



41, 78.274, 43.560



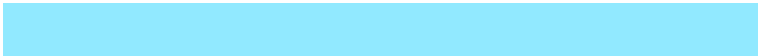
10, 27.441, 35.972

Inverse Universe

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



87, 23.701, 221.704



88, 28.135, 222.432



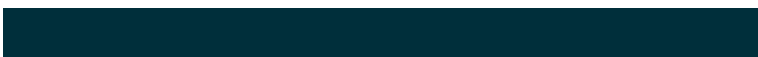
75, 34.266, 279.511



50, 4.052, 220.121



57, 34.726, 236.091



17, 15.297, 230.242

Previews

White Background



This preview shows how the CIELCh color 78, 30.698, 39.553 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 78, 30.698, 39.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

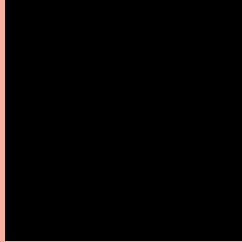
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.698, 39.553

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.698, 39.553.

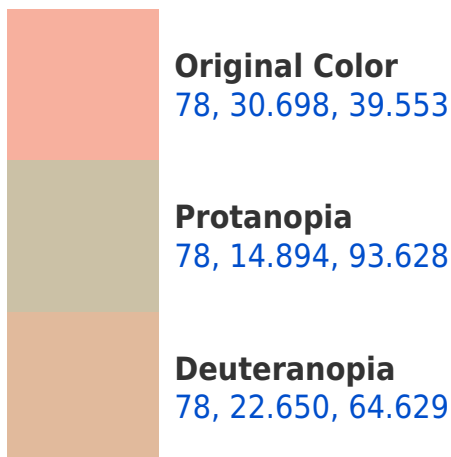


This preview shows how white text looks on a background with the CIELCh color 78, 30.698, 39.553.

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
78, 30.729, 9.339

Trichromacy



Original Color
78, 30.698, 39.553

Protanomaly
78, 18.165, 64.499

Deuteranomaly
78, 24.856, 52.795

Tritanomaly
78, 29.906, 20.009

Monochromacy



Original Color
78, 30.698, 39.553

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 10.659, 40.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.698, 39.553 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(247, 176, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 176, 158)  
}
```

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(247, 176, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 176, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.698, 39.553 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(247, 176, 158) }
```

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

```
.border{ border-color:rgb(247, 176, 158) }
```

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

Here you see how a box with a 4 pixel rgb(247, 176, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 176, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 176, 158);  
box-shadow:4px 4px 4px 4px rgb(247, 176,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.698, 39.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 176, 158) }
```

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

```
.background{ background-color: rgb(247,  
176, 158) }
```

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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