

Converting Colors

CIELCh(78, 32.282, 57.906)

Have a look what the booklet for
CIELCh(78, 32.282, 57.906) contains.

CIELCh(78, 32.288, 57.901)	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, 32.288, 57.901)

Conversions

Conversions Part 1

Format	Color
Hex	F0B48F
RGB	240, 180, 143
RGB Percent	94%, 71%, 56%
CMY	0.0584, 0.2937, 0.4388
CMYK	0.00, 0.25, 0.40, 0.06
HSL	23°, 77%, 75%
HSV	23°, 40%, 94%
XYZ	57.2774, 53.2120, 33.2763
YIQ	193.7220, 47.6370, 1.2130

Conversions

Conversions Part 2

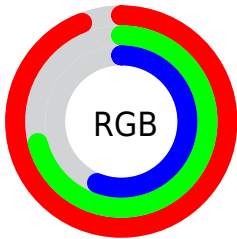
Format	Color
R _Y B	240, 203, 143
Decimal	15774863
CIE Lab	78.00, 17.16, 27.35
CIE LCh	78, 32.288, 57.901
Yxy	53.2120, 0.3984, 0.3701
Android (android.graphics.Color)	4293964943 (0xFFFF0B48F)
YUV	193.7220, -25.0059, 40.5858
Hunter-Lab	72.9466, 12.5012, 24.0160

Details

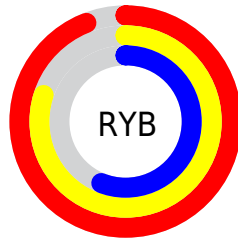
The CIELCh color **78, 32.288, 57.901** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 26.280, 247.725**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.268, 88.660**, and **58, 32.419, 58.001** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.663, 57.105**, and if you desaturate by 10%, it is **82, 23.476, 58.762**.

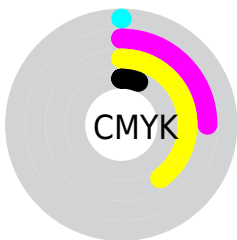
Distribution



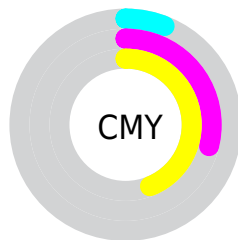
- Red (94%)
- Green (71%)
- Blue (56%)



- Red (94%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.288, 57.901 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, 32.288, 57.901 by changing the saturation by 10% instead.

 78, 32.288, 57.901

 78, 32.288, 57.901

 100, 32.288,
57.901

 68, 32.288, 57.901

 98, 32.288, 57.901

 58, 32.288, 57.901

 48, 32.288, 57.901

 38, 32.288, 57.901

 28, 32.288, 57.901

 18, 32.288, 57.901

 8, 32.288, 57.901

 0, 32.288, 57.901

 78, 32.288, 57.901

 78, 32.288, 57.901

74, 41.663, 57.105

82, 23.476, 58.762

70, 51.537, 56.350

86, 15.228, 59.661

67, 61.709, 55.590

90, 7.510, 60.571

64, 71.696, 54.686

95, 0.276, 59.707

61, 80.503, 53.315

99, 4.911, 203.049

58, 86.873, 51.310

99, 5.127, 199.210

Harmonies

Complementary

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



78, 32.288, 57.901



79, 26.280, 247.725

Rectangle

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



78, 32.288, 57.901



78, 32.288, 107.901



78, 32.288, 237.901



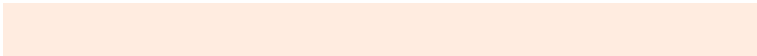
78, 32.288, 287.901

Sweetspot

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



78, 32.287, 57.907



95, 9.146, 60.424



71, 47.589, 340.486



50, 6.093, 60.306



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, 32.287, 57.907



79, 41.350, 57.281



90, 43.206, 99.634



48, 4.084, 60.653



45, 70.631, 51.961



12, 23.949, 49.269

Inverse Universe

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



79, 26.280, 247.725



80, 32.131, 249.576



66, 46.530, 290.138



48, 3.922, 242.732



46, 44.348, 269.684



12, 17.517, 261.216

Previews

White Background



This preview shows how the CIELCh color 78, 32.288, 57.901 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, 32.288, 57.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

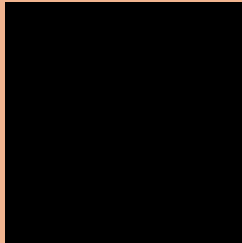
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.288, 57.901

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.288, 57.901.



This preview shows how white text looks on a background with the CIELCh color 78, 32.288, 57.901.

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

78, 32.288, 57.901

Protanopia

78, 23.954, 95.368

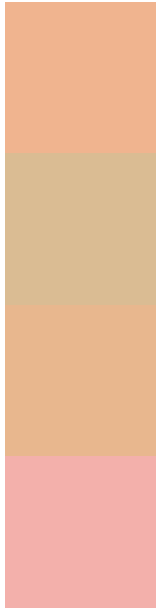
Deuteranopia

78, 29.318, 70.697



Tritanopia
78, 27.628, 7.516

Trichromacy



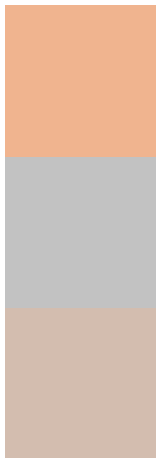
Original Color
78, 32.288, 57.901

Protanomaly
78, 25.182, 79.041

Deuteranomaly
78, 30.230, 65.943

Tritanomaly
78, 26.752, 27.255

Monochromacy



Original Color
78, 32.288, 57.901

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.347, 60.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.288, 57.901 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(240, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 143)  
}
```

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(240, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.288, 57.901 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(240, 180, 143) }
```

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

```
.border{ border-color:rgb(240, 180, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.288, 57.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 143) }
```

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

```
.background{ background-color: rgb(240,  
180, 143) }
```

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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