

Converting Colors

CIELCh(78, 32.065, 50.674)

Have a look what the booklet for
CIELCh(78, 32.065, 50.674) contains.

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Color

CIELCh(78, 32.065, 50.674)

Conversions

Conversions Part 1

Format	Color
Hex	F4B294
RGB	244, 178, 148
RGB Percent	96%, 70%, 58%
CMY	0.0431, 0.3019, 0.4196
CMYK	0.00, 0.27, 0.39, 0.04
HSL	19°, 81%, 77%
HSV	19°, 39%, 96%
XYZ	58.5741, 53.2120, 35.2006
YIQ	194.3140, 48.9660, 4.6620

Conversions

Conversions Part 2

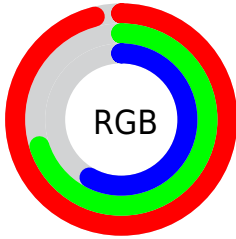
Format	Color
RYB	244, 192, 148
Decimal	16036500
CIELab	78.00, 20.32, 24.80
CIELCh	78, 32.065, 50.674
Yxy	53.2120, 0.3985, 0.3620
Android (android.graphics.Color)	4294226580 (0xFFFF4B294)
YUV	194.3140, -22.8328, 43.5746
Hunter-Lab	72.9466, 15.6742, 22.4520

Details

The CIELCh color **78, 32.065, 50.674** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 25.141, 237.834**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 18.269, 83.041**, and **58, 32.201, 50.574** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.785, 50.290**, and if you desaturate by 10%, it is **82, 23.004, 51.175**.

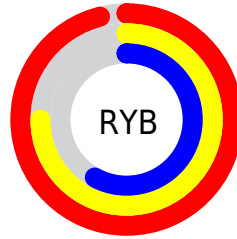
Distribution



Red (96%)

Green (70%)

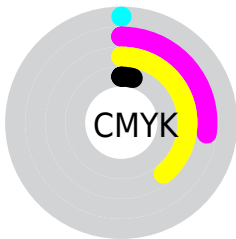
Blue (58%)



Red (96%)

Yellow (75%)

Blue (58%)

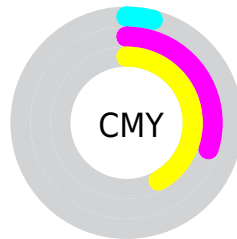


Cyan (0%)

Magenta (27%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.065, 50.674 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, 32.065, 50.674 by changing the saturation by 10% instead.

78, 32.065, 50.674

78, 32.065, 50.674

100, 32.065,
50.674

68, 32.065, 50.674

98, 32.065, 50.674

58, 32.065, 50.674

48, 32.065, 50.674

38, 32.065, 50.674

28, 32.065, 50.674

18, 32.065, 50.674

8, 32.065, 50.674

0, 32.065, 50.674

78, 32.065, 50.674

78, 32.065, 50.674

74, 41.785, 50.290

82, 23.004, 51.175

70, 52.121, 50.011

87, 14.593, 51.753

66, 62.896, 49.808

92, 6.788, 52.369

62, 73.677, 49.558

97, 0.465, 234.411

59, 83.491, 48.937

99, 3.799, 199.339

57, 90.955, 47.531

57, 91.415, 47.454

Harmonies

Complementary

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



78, 32.065, 50.674



82, 25.141, 237.834

Rectangle

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



78, 32.065, 50.674



78, 32.065, 100.674



78, 32.065, 230.674



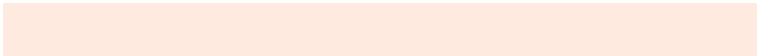
78, 32.065, 280.674

Sweetspot

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



78, 32.064, 50.680



94, 9.126, 52.206



73, 49.099, 337.258



49, 6.083, 52.124



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, 32.064, 50.680



78, 40.901, 50.367



89, 40.149, 95.718



49, 4.142, 52.361



44, 74.148, 48.026



12, 25.925, 43.766

Inverse Universe

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



82, 25.141, 237.834



83, 30.277, 239.384



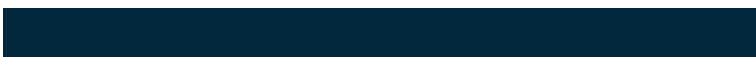
70, 42.230, 286.489



49, 3.941, 233.972



51, 39.463, 258.451



15, 16.483, 250.591

Previews

White Background



This preview shows how the CIELCh color 78, 32.065, 50.674 looks on a white background.

Color Contrast Check

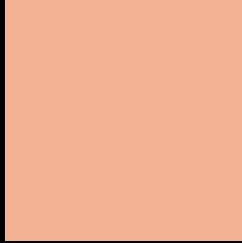
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.065, 50.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

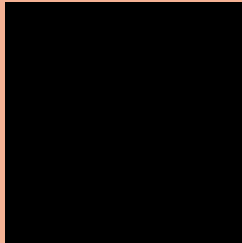
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.065, 50.674

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.065, 50.674.

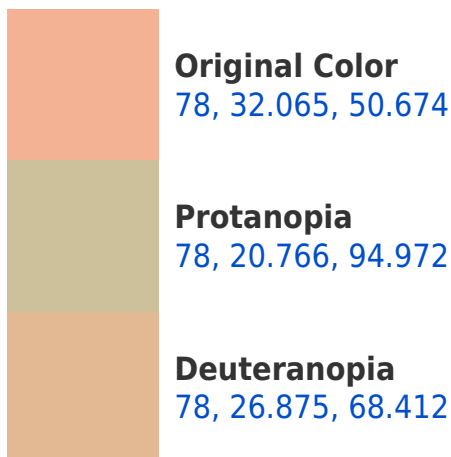


This preview shows how white text looks on a background with the CIELCh color 78, 32.065, 50.674.

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, 29.554, 8.687

Trichromacy



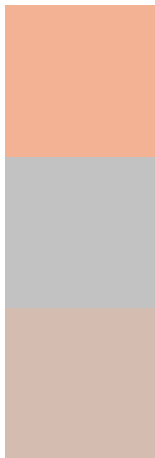
Original Color
78, 32.065, 50.674

Protanomaly
78, 23.072, 75.408

Deuteranomaly
78, 28.468, 60.959

Tritanomaly
78, 28.597, 24.975

Monochromacy



Original Color
78, 32.065, 50.674

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.984, 52.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.065, 50.674 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(244, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 178, 148)  
}
```

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(244, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 178, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.065, 50.674 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(244, 178, 148) }
```

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

```
.border{ border-color:rgb(244, 178, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 178, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(244, 178,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.065, 50.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 178, 148) }
```

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

```
.background{ background-color: rgb(244,  
178, 148) }
```

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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