

Converting Colors

CIELCh(78, 29.551, 54.637)

Have a look what the booklet for
CIELCh(78, 29.551, 54.637) contains.

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Color

CIELCh(78, 29.784, 54.154)

Conversions

Conversions Part 1

Format	Color
Hex	EFB495
RGB	239, 180, 149
RGB Percent	94%, 71%, 58%
CMY	0.0624, 0.2938, 0.4154
CMYK	0.00, 0.25, 0.38, 0.06
HSL	21°, 74%, 76%
HSV	21°, 38%, 94%
XYZ	57.3932, 53.2120, 35.7117
YIQ	194.1070, 45.1150, 2.8670

Conversions

Conversions Part 2

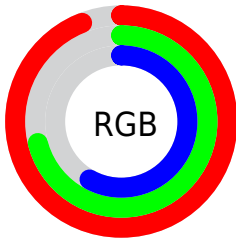
Format	Color
R _Y B	239, 196, 149
Decimal	15709333
CIE Lab	78.00, 17.44, 24.14
CIE LCh	78, 29.784, 54.154
Yxy	53.2120, 0.3923, 0.3637
Android (android.graphics.Color)	4293899413 (0xFFEFB495)
YUV	194.1070, -22.2378, 39.3712
Hunter-Lab	72.9466, 12.7846, 22.0366

Details

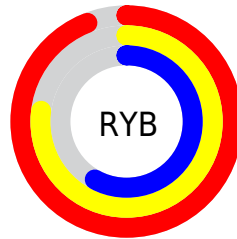
The CIELCh color **78, 29.784, 54.154** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 24.073, 242.039**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 18.387, 85.824**, and **58, 29.707, 54.206** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.102, 53.552**, and if you desaturate by 10%, it is **82, 21.080, 54.846**.

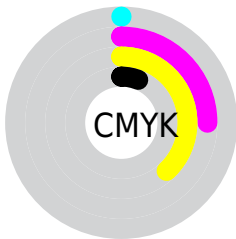
Distribution



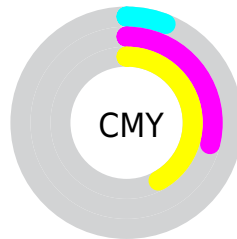
- Red (94%)
- Green (71%)
- Blue (58%)



- Red (94%)
- Yellow (77%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.784, 54.154 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, 29.784, 54.154 by changing the saturation by 10% instead.

 78, 29.784, 54.154

 78, 29.784, 54.154

 100, 29.784,
54.154

 68, 29.784, 54.154

 98, 29.784, 54.154

 58, 29.784, 54.154

 48, 29.784, 54.154

 38, 29.784, 54.154

 28, 29.784, 54.154

 18, 29.784, 54.154

 8, 29.784, 54.154

 0, 29.784, 54.154

 78, 29.784, 54.154

 78, 29.784, 54.154

74, 39.102, 53.552

82, 21.080, 54.846

70, 49.000, 53.026

87, 12.975, 55.591

66, 59.334, 52.553

91, 5.425, 56.342

63, 69.730, 52.027

96, 1.622, 237.624

60, 79.361, 51.177

99, 5.473, 199.180

57, 86.830, 49.534

57, 88.406, 49.154

Harmonies

Complementary

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



78, 29.784, 54.154



81, 24.073, 242.039

Rectangle

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



78, 29.784, 54.154



78, 29.784, 104.154



78, 29.784, 234.154



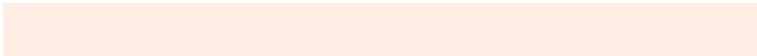
78, 29.784, 284.154

Sweetspot

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



78, 29.783, 54.160



95, 8.323, 56.095



73, 45.270, 338.622



50, 5.619, 55.992



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, 29.783, 54.160



79, 38.560, 53.696



89, 38.965, 98.007



48, 4.066, 56.211



44, 72.091, 49.759



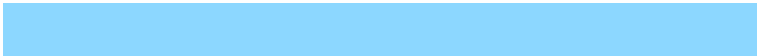
11, 24.307, 45.895

Inverse Universe

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



81, 24.073, 242.039



83, 29.637, 243.606



69, 41.290, 287.929



48, 3.885, 238.055



48, 41.305, 263.917



13, 16.611, 255.463

Previews

White Background



This preview shows how the CIELCh color 78, 29.784, 54.154 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, 29.784, 54.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

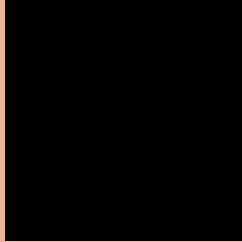
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 29.784, 54.154

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.784, 54.154.

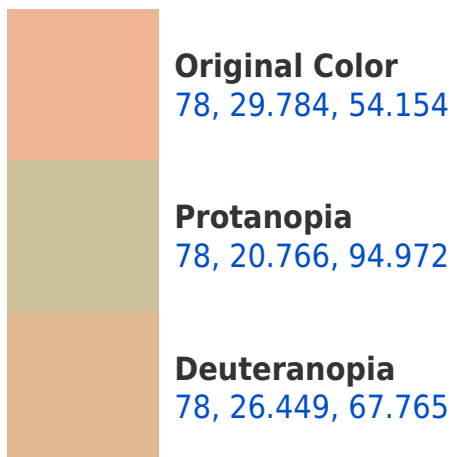


This preview shows how white text looks on a background with the CIELCh color 78, 29.784, 54.154.

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, 26.845, 7.002

Trichromacy



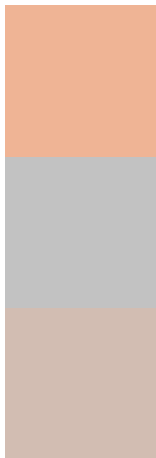
Original Color
78, 29.784, 54.154

Protanomaly
78, 22.154, 76.504

Deuteranomaly
78, 27.481, 62.645

Tritanomaly
78, 25.699, 25.065

Monochromacy



Original Color
78, 29.784, 54.154

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.993, 55.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.784, 54.154 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(239, 180, 149)` looks like.

```
.text, #text, p{  
    color:rgb(239, 180, 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(239, 180, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 180, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.784, 54.154 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(239, 180, 149) }
```

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

```
.border{ border-color:rgb(239, 180, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 180, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 180, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 180, 149); box-shadow:4px 4px 4px 4px rgb(239, 180, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.784, 54.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 180, 149) }
```

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

```
.background{ background-color: rgb(239,  
180, 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](#).

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