

Converting Colors

CIELCh(75, 30.058, 33.043)

Have a look what the booklet for
CIELCh(75, 30.058, 33.043) contains.

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Color

CIELCh(75, 30.017, 33.034)

Conversions

Conversions Part 1

Format	Color
Hex	EFA79C
RGB	239, 167, 156
RGB Percent	94%, 65%, 61%
CMY	0.0635, 0.3458, 0.3889
CMYK	0.00, 0.30, 0.35, 0.06
HSL	8°, 72%, 77%
HSV	8°, 35%, 94%
XYZ	55.2974, 48.2781, 37.7752
YIQ	187.2740, 46.4430, 11.8430

Conversions

Conversions Part 2

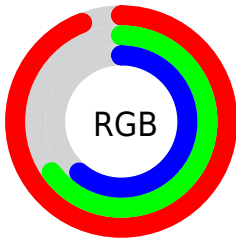
Format	Color
R _Y B	239, 169, 156
Decimal	15706012
CIE Lab	75.00, 25.16, 16.36
CIE LCh	75, 30.017, 33.034
Yxy	48.2781, 0.3912, 0.3415
Android (android.graphics.Color)	4293896092 (0xFFEFA79C)
YUV	187.2740, -15.4181, 45.3637
Hunter-Lab	69.4824, 20.4644, 16.4038

Details

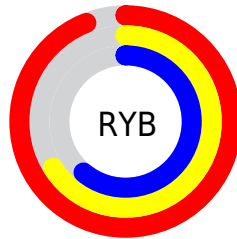
The CIELCh color **75, 30.017, 33.034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 23.268, 212.441**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.776, 49.110**, and **55, 30.049, 32.337** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.249, 33.818**, and if you desaturate by 10%, it is **80, 20.502, 32.505**.

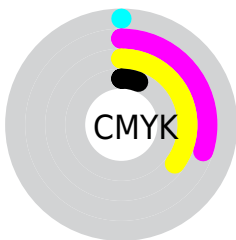
Distribution



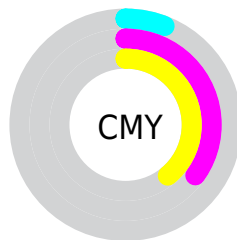
- Red (94%)
- Green (65%)
- Blue (61%)



- Red (94%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.017, 33.034 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 75, 30.017, 33.034 by changing the saturation by 10% instead.

75, 30.017, 33.034

75, 30.017, 33.034

100, 30.017,
33.034

65, 30.017, 33.034

95, 30.017, 33.034

55, 30.017, 33.034

45, 30.017, 33.034

35, 30.017, 33.034

25, 30.017, 33.034

15, 30.017, 33.034

5, 30.017, 33.034

0, 30.017, 33.034

75, 30.017, 33.034

75, 30.017, 33.034

70, 40.249, 33.818

80, 20.502, 32.505

65, 51.136, 34.899

86, 11.714, 32.151

61, 62.508, 36.321

92, 3.617, 31.849

57, 74.025, 38.052

97, 3.843, 212.119

54, 84.971, 39.865

99, 5.571, 199.171

52, 93.776, 41.103

51, 97.178, 41.500

Harmonies

Complementary

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



75, 30.017, 33.034



86, 23.268, 212.441

Rectangle

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



75, 30.017, 33.034



75, 30.017, 83.034



75, 30.017, 213.034



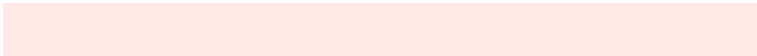
75, 30.017, 263.034

Sweetspot

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



75, 30.015, 33.039



94, 8.213, 32.023



75, 48.468, 329.854



49, 5.636, 32.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 30.015, 33.039



76, 39.433, 33.589



85, 29.835, 82.312



47, 4.428, 32.008



39, 79.458, 41.784



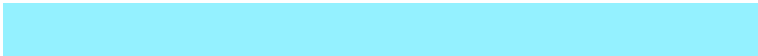
9, 27.227, 31.177

Inverse Universe

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



86, 23.268, 212.441



90, 28.660, 212.781



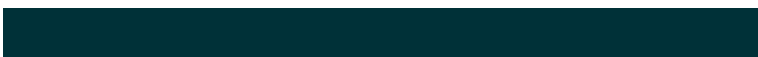
75, 28.918, 272.686



49, 4.164, 212.037



60, 34.224, 220.919



18, 15.078, 217.068

Previews

White Background



This preview shows how the CIELCh color 75, 30.017, 33.034 looks on a white background.

Color Contrast Check

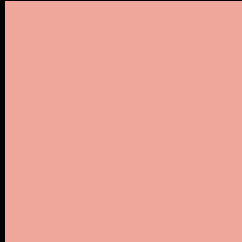
Large Text (above 18pt) WCAG AA × Fail

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 75, 30.017, 33.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

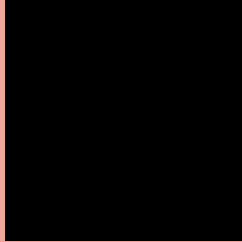
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.017, 33.034

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.017, 33.034.

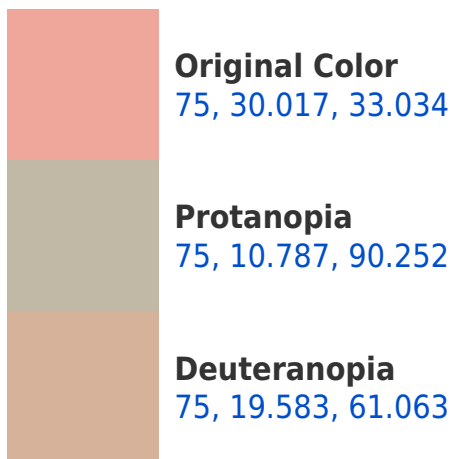


This preview shows how white text looks on a background with the CIELCh color 75, 30.017, 33.034.

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
75, 30.556, 10.269

Trichromacy



Original Color
75, 30.017, 33.034

Protanomaly
75, 15.416, 53.930

Deuteranomaly
75, 22.515, 47.509

Tritanomaly
75, 29.696, 18.034

Monochromacy



Original Color
75, 30.017, 33.034

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 10.240, 32.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.017, 33.034 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, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(239, 167, 156)  
}
```

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, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 167, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.017, 33.034 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, 167, 156) }
```

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

```
.border{ border-color:rgb(239, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(239, 167,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.017, 33.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 167, 156) }
```

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

```
.background{ background-color: rgb(239,  
167, 156) }
```

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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