

Converting Colors

CIELCh(75, 28.305, 34.175)

Have a look what the booklet for
CIELCh(75, 28.305, 34.175) contains.

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Color

CIELCh(75, 28.346, 33.555)

Conversions

Conversions Part 1

Format	Color
Hex	ECA89D
RGB	236, 168, 157
RGB Percent	93%, 66%, 62%
CMY	0.0745, 0.3411, 0.3843
CMYK	0.00, 0.29, 0.33, 0.07
HSL	8°, 68%, 77%
HSV	8°, 33%, 93%
XYZ	54.6867, 48.2781, 38.3388
YIQ	187.0780, 44.0590, 10.9950

Conversions

Conversions Part 2

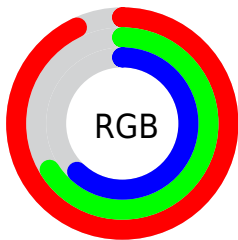
Format	Color
R _Y B	236, 170, 157
Decimal	15509661
CIE Lab	75.00, 23.62, 15.67
CIE LCh	75, 28.346, 33.555
Yxy	48.2781, 0.3870, 0.3417
Android (android.graphics.Color)	4293699741 (0xFFECA89D)
YUV	187.0780, -14.8285, 42.9046
Hunter-Lab	69.4824, 18.8954, 15.9229

Details

The CIELCh color **75, 28.346, 33.555** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 22.219, 213.232**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.157, 48.014**, and **55, 28.238, 32.749** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.347, 34.259**, and if you desaturate by 10%, it is **80, 19.060, 33.092**.

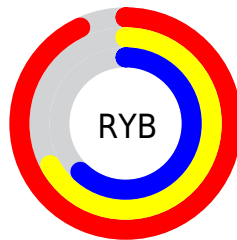
Distribution



Red (93%)

Green (66%)

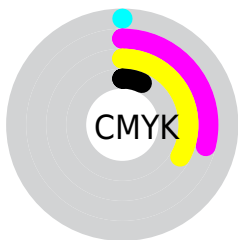
Blue (62%)



Red (93%)

Yellow (67%)

Blue (62%)

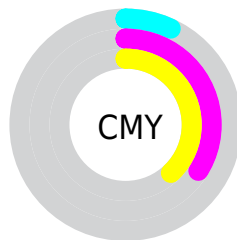


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (7%)



Cyan (7%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.346, 33.555 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, 28.346, 33.555 by changing the saturation by 10% instead.

 75, 28.346, 33.555

 75, 28.346, 33.555

 100, 28.346,
33.555

 65, 28.346, 33.555

 95, 28.346, 33.555

 55, 28.346, 33.555

 45, 28.346, 33.555

 35, 28.346, 33.555

 25, 28.346, 33.555

 15, 28.346, 33.555

 5, 28.346, 33.555

 0, 28.346, 33.555

 75, 28.346, 33.555

 75, 28.346, 33.555

70, 38.347, 34.259

80, 19.060, 33.092

65, 49.015, 35.244

86, 10.489, 32.791

61, 60.204, 36.557

91, 2.593, 32.475

57, 71.610, 38.177

97, 4.684, 212.821

54, 82.598, 39.915

99, 6.511, 199.095

52, 91.764, 41.195

51, 96.115, 41.642

Harmonies

Complementary

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



75, 28.346, 33.555



86, 22.219, 213.232

Rectangle

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



75, 28.346, 33.555



75, 28.346, 83.555



75, 28.346, 213.555



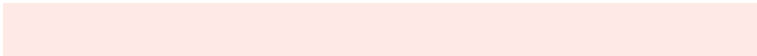
75, 28.346, 263.555

Sweetspot

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



75, 28.344, 33.561



94, 8.171, 32.710



74, 45.767, 330.332



49, 5.608, 32.743



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, 28.344, 33.561



77, 37.072, 33.999



84, 28.778, 83.955



46, 4.328, 32.696



39, 78.450, 41.945



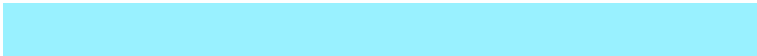
8, 25.858, 30.546

Inverse Universe

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



86, 22.219, 213.232



90, 27.434, 213.549



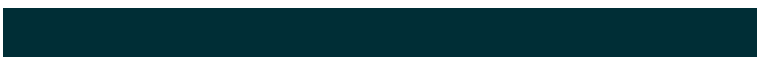
75, 28.150, 273.824



48, 4.071, 212.784



59, 33.792, 222.319



17, 14.598, 218.032

Previews

White Background



This preview shows how the CIELCh color 75, 28.346, 33.555 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 75, 28.346, 33.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

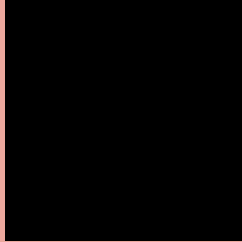
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.346, 33.555

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.346, 33.555.

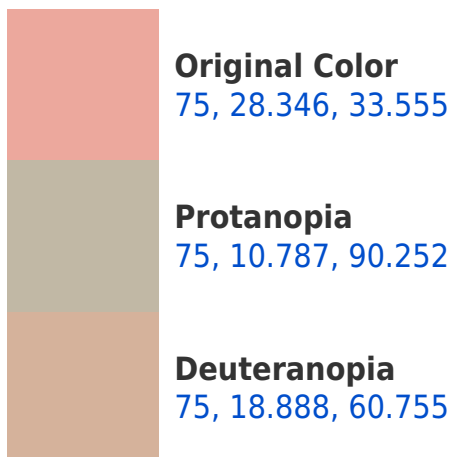


This preview shows how white text looks on a background with the CIELCh color 75, 28.346, 33.555.

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](#).

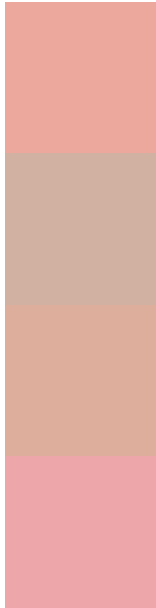
Dichromacy





Tritanopia
75, 29.036, 8.380

Trichromacy



Original Color
75, 28.346, 33.555

Protanomaly
75, 15.080, 54.771

Deuteranomaly
75, 21.482, 47.277

Tritanomaly
75, 28.052, 17.623

Monochromacy



Original Color
75, 28.346, 33.555

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.856, 32.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.346, 33.555 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(236, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 168, 157)  
}
```

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(236, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 168, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.346, 33.555 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(236, 168, 157) }
```

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

```
.border{ border-color:rgb(236, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 168,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.346, 33.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 168, 157) }
```

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

```
.background{ background-color: rgb(236,  
168, 157) }
```

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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