

Converting Colors

CIELCh(75, 37.298, 59.045)

Have a look what the booklet for
CIELCh(75, 37.298, 59.045) contains.

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Color

CIELCh(75, 37.088, 58.785)

Conversions

Conversions Part 1

Format	Color
Hex	ECAA7F
RGB	236, 170, 127
RGB Percent	93%, 67%, 50%
CMY	0.0733, 0.3322, 0.5009
CMYK	0.00, 0.28, 0.46, 0.07
HSL	24°, 74%, 71%
HSV	24°, 46%, 93%
XYZ	52.9686, 48.2781, 26.6964
YIQ	184.8320, 53.1390, 0.6190

Conversions

Conversions Part 2

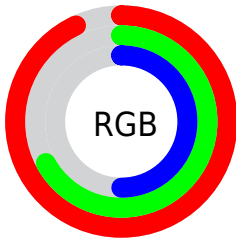
Format	Color
R _Y B	236, 198, 127
Decimal	15510143
CIE Lab	75.00, 19.22, 31.72
CIE LCh	75, 37.088, 58.785
Yxy	48.2781, 0.4140, 0.3773
Android (android.graphics.Color)	4293700223 (0xFFECAA7F)
YUV	184.8320, -28.5112, 44.8743
Hunter-Lab	69.4824, 14.4817, 25.8575

Details

The CIELCh color **75, 37.088, 58.785** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 29.505, 250.842**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.117, 81.529**, and **55, 37.304, 59.102** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.581, 57.943**, and if you desaturate by 10%, it is **79, 28.104, 59.680**.

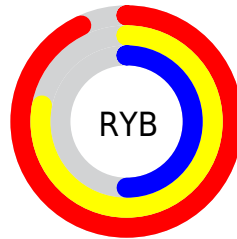
Distribution



Red (93%)

Green (67%)

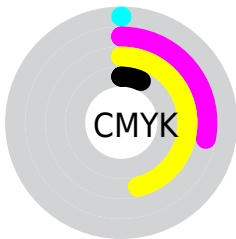
Blue (50%)



Red (93%)

Yellow (78%)

Blue (50%)

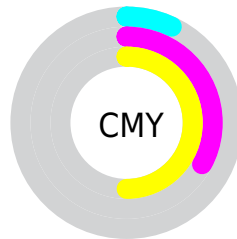


Cyan (0%)

Magenta (28%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.088, 58.785 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, 37.088, 58.785 by changing the saturation by 10% instead.

 75, 37.088, 58.785

 75, 37.088, 58.785

 100, 37.088,
58.785

 65, 37.088, 58.785

 95, 37.088, 58.785

 55, 37.088, 58.785

 45, 37.088, 58.785

 35, 37.088, 58.785

 25, 37.088, 58.785

 15, 37.088, 58.785

 5, 37.088, 58.785

 0, 37.088, 58.785

 75, 37.088, 58.785

 75, 37.088, 58.785

71, 46.581, 57.943

79, 28.104, 59.680

68, 56.452, 57.109

83, 19.664, 60.613

65, 66.363, 56.196

87, 11.752, 61.572

61, 75.581, 54.974

91, 4.330, 62.497

59, 82.818, 53.006

95, 2.649, 243.813

58, 85.182, 52.168

99, 6.412, 199.103

Harmonies

Complementary

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



75, 37.088, 58.785



75, 29.505, 250.842

Rectangle

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



75, 37.088, 58.785



75, 37.088, 108.785



75, 37.088, 238.785



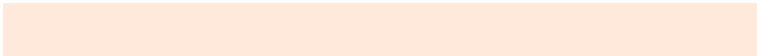
75, 37.088, 288.785

Sweetspot

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



75, 37.087, 58.790



94, 10.768, 61.772



67, 52.715, 341.933



49, 7.486, 61.564



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, 37.087, 58.790



77, 48.402, 58.019



88, 49.221, 99.934



47, 4.024, 62.205



45, 69.382, 52.834



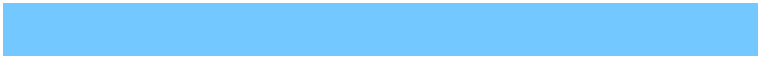
11, 22.589, 49.995

Inverse Universe

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



75, 29.505, 250.842



77, 36.546, 253.347



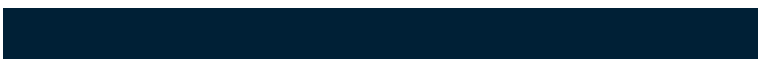
61, 54.112, 292.097



47, 3.872, 244.352



45, 45.008, 271.501



11, 17.251, 262.585

Previews

White Background



This preview shows how the CIELCh color 75, 37.088, 58.785 looks on a white background.

Color Contrast Check

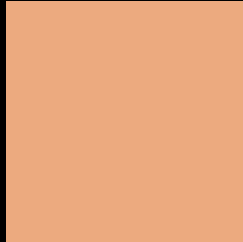
Large Text (above 18pt) WCAG AA × Fail

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, 37.088, 58.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

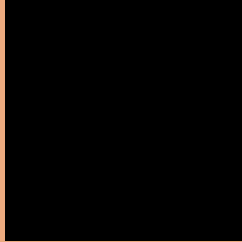
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 37.088, 58.785

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.088, 58.785.

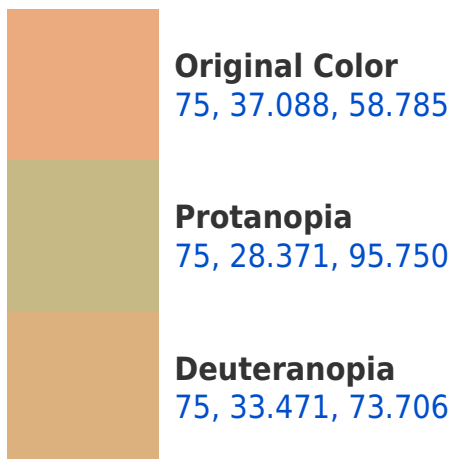


This preview shows how white text looks on a background with the CIELCh color 75, 37.088, 58.785.

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



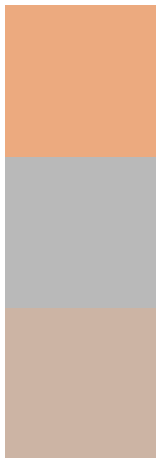
Original Color
75, 37.088, 58.785

Protanomaly
75, 29.871, 80.100

Deuteranomaly
75, 34.846, 68.331

Tritanomaly
75, 29.969, 30.058

Monochromacy



Original Color
75, 37.088, 58.785

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.818, 61.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.088, 58.785 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, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(236, 170, 127)  
}
```

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, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 170, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.088, 58.785 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, 170, 127) }
```

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

```
.border{ border-color:rgb(236, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(236, 170,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.088, 58.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 170, 127) }
```

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

```
.background{ background-color: rgb(236,  
170, 127) }
```

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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