

Converting Colors

CIELCh(75, 27.904, 53.040)

Have a look what the booklet for
CIELCh(75, 27.904, 53.040) contains.

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Color

CIELCh(75, 27.604, 53.478)

Conversions

Conversions Part 1

Format	Color
Hex	E4AD91
RGB	228, 173, 145
RGB Percent	89%, 68%, 57%
CMY	0.1069, 0.3225, 0.4323
CMYK	0.00, 0.24, 0.36, 0.11
HSL	20°, 60%, 73%
HSV	20°, 36%, 89%
XYZ	51.8973, 48.2781, 33.2737
YIQ	186.2530, 41.7680, 2.9520

Conversions

Conversions Part 2

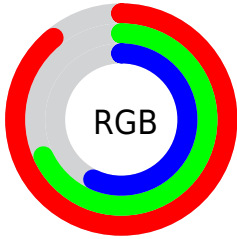
Format	Color
R _Y B	228, 187, 145
Decimal	14986641
CIE Lab	75.00, 16.43, 22.18
CIE LCh	75, 27.604, 53.478
Yxy	48.2781, 0.3889, 0.3618
Android (android.graphics.Color)	4293176721 (0xFFE4AD91)
YUV	186.2530, -20.3377, 36.6121
Hunter-Lab	69.4824, 11.7296, 20.2450

Details

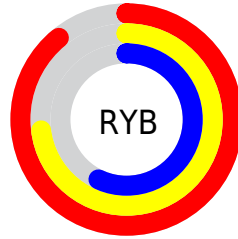
The CIELCh color **75, 27.604, 53.478** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 22.414, 240.803**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.397, 76.351**, and **55, 27.745, 54.398** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.508, 52.909**, and if you desaturate by 10%, it is **79, 19.296, 54.141**.

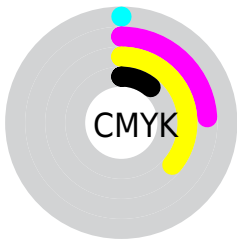
Distribution



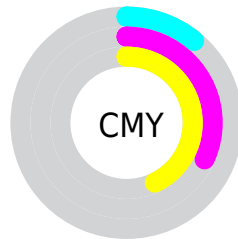
- Red (89%)
- Green (68%)
- Blue (57%)



- Red (89%)
- Yellow (73%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 27.604, 53.478 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, 27.604, 53.478 by changing the saturation by 10% instead.

 75, 27.604, 53.478

 75, 27.604, 53.478

 100, 27.604,
53.478

 65, 27.604, 53.478

 95, 27.604, 53.478

 55, 27.604, 53.478

 45, 27.604, 53.478

 35, 27.604, 53.478

 25, 27.604, 53.478

 15, 27.604, 53.478

 5, 27.604, 53.478

 0, 27.604, 53.478

 75, 27.604, 53.478

 75, 27.604, 53.478

71, 36.508, 52.909

79, 19.296, 54.141

67, 45.987, 52.422

83, 11.565, 54.856

64, 55.921, 52.002

88, 4.367, 55.563

60, 65.997, 51.559

92, 2.348, 236.729

57, 75.500, 50.854

96, 7.711, 225.994

55, 83.103, 49.410

98, 9.273, 198.891

54, 85.469, 48.868

Harmonies

Complementary

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



75, 27.604, 53.478



78, 22.414, 240.803

Rectangle

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



75, 27.604, 53.478



75, 27.604, 103.478



75, 27.604, 233.478



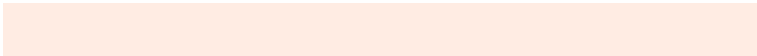
75, 27.604, 283.478

Sweetspot

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



75, 27.603, 53.484



95, 8.322, 55.247



70, 42.155, 338.502



50, 5.619, 55.148



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, 27.603, 53.484



80, 37.618, 53.026



85, 36.264, 98.163



46, 3.922, 55.362



42, 70.822, 49.441



10, 21.848, 43.934

Inverse Universe

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



78, 22.414, 240.803



83, 28.964, 242.366



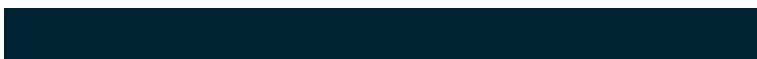
67, 38.325, 287.674



46, 3.745, 237.149



47, 39.880, 262.624



12, 15.363, 253.214

Previews

White Background



This preview shows how the CIELCh color 75, 27.604, 53.478 looks on a white background.

Color Contrast Check

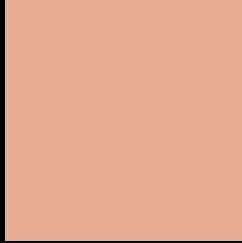
Large Text (above 18pt) WCAG AA × Fail

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, 27.604, 53.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

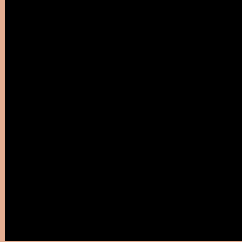
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 27.604, 53.478

Background



This preview shows how black text looks on a background with the CIELCh color 75, 27.604, 53.478.

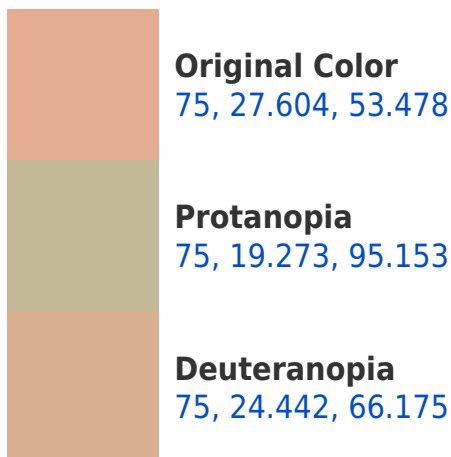


This preview shows how white text looks on a background with the CIELCh color 75, 27.604, 53.478.

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, 25.151, 5.748

Trichromacy



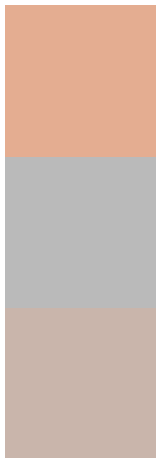
Original Color
75, 27.604, 53.478

Protanomaly
75, 20.946, 76.908

Deuteranomaly
75, 25.552, 60.693

Tritanomaly
75, 23.799, 24.012

Monochromacy



Original Color
75, 27.604, 53.478

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.436, 54.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 27.604, 53.478 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(228, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(228, 173, 145)  
}
```

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(228, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 173, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 27.604, 53.478 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(228, 173, 145) }
```

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

```
.border{ border-color:rgb(228, 173, 145) }
```

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

Here you see how a box with a 4 pixel rgb(228, 173, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(228, 173,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 27.604, 53.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 173, 145) }
```

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

```
.background{ background-color: rgb(228,  
173, 145) }
```

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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