

Converting Colors

CIELCh(75, 26.533, 50.434)

Have a look what the booklet for
CIELCh(75, 26.533, 50.434) contains.

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Color

CIELCh(75, 26.607, 50.880)

Conversions

Conversions Part 1

Format	Color
Hex	E4AD94
RGB	228, 173, 148
RGB Percent	89%, 68%, 58%
CMY	0.1076, 0.3231, 0.4212
CMYK	0.00, 0.24, 0.35, 0.11
HSL	19°, 59%, 74%
HSV	19°, 35%, 89%
XYZ	52.0344, 48.2781, 34.4286
YIQ	186.5950, 40.8050, 3.8850

Conversions

Conversions Part 2

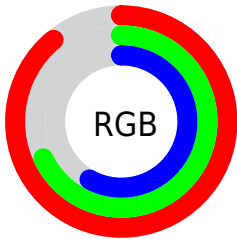
Format	Color
R _Y B	228, 184, 148
Decimal	14986644
CIE Lab	75.00, 16.79, 20.64
CIE LCh	75, 26.607, 50.880
Yxy	48.2781, 0.3862, 0.3583
Android (android.graphics.Color)	4293176724 (0xFFE4AD94)
YUV	186.5950, -19.0273, 36.3122
Hunter-Lab	69.4824, 12.0818, 19.2595

Details

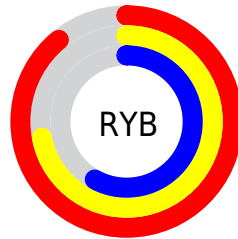
The CIELCh color **75, 26.607, 50.880** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 21.518, 237.086**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.086, 73.804**, and **55, 26.637, 51.767** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.521, 50.450**, and if you desaturate by 10%, it is **79, 18.314, 51.419**.

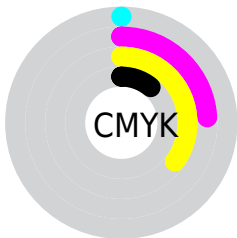
Distribution



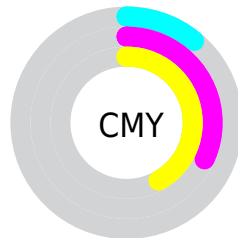
- Red (89%)
- Green (68%)
- Blue (58%)



- Red (89%)
- Yellow (72%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.607, 50.880 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, 26.607, 50.880 by changing the saturation by 10% instead.

 75, 26.607, 50.880

 75, 26.607, 50.880

 100, 26.607,
50.880

 65, 26.607, 50.880

 95, 26.607, 50.880

 55, 26.607, 50.880

 45, 26.607, 50.880

 35, 26.607, 50.880

 25, 26.607, 50.880

 15, 26.607, 50.880

 5, 26.607, 50.880

 0, 26.607, 50.880

 75, 26.607, 50.880

 75, 26.607, 50.880

71, 35.521, 50.450

79, 18.314, 51.419

67, 45.043, 50.124

84, 10.617, 52.020

63, 55.073, 49.897

88, 3.470, 52.596

60, 65.334, 49.693

93, 3.182, 233.651

57, 75.180, 49.300

97, 8.143, 214.295

54, 83.318, 48.242

98, 9.329, 198.887

53, 86.596, 47.588

Harmonies

Complementary

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



75, 26.607, 50.880



79, 21.518, 237.086

Rectangle

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



75, 26.607, 50.880



75, 26.607, 100.880



75, 26.607, 230.880



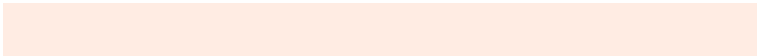
75, 26.607, 280.880

Sweetspot

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



75, 26.606, 50.886



95, 8.334, 52.271



71, 41.579, 336.887



50, 5.629, 52.188



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, 26.606, 50.886



80, 35.854, 50.565



85, 33.897, 96.255



46, 3.927, 52.369



42, 71.791, 48.131



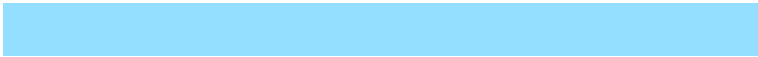
10, 22.129, 41.727

Inverse Universe

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



79, 21.518, 237.086



85, 27.554, 238.357



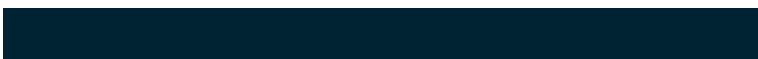
68, 35.388, 285.620



46, 3.738, 233.971



49, 38.194, 258.288



12, 14.932, 249.065

Previews

White Background



This preview shows how the CIELCh color 75, 26.607, 50.880 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, 26.607, 50.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

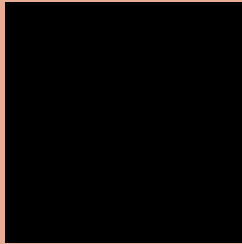
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.607, 50.880

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.607, 50.880.

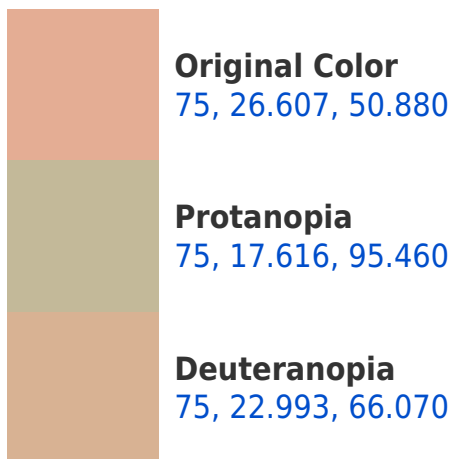


This preview shows how white text looks on a background with the CIELCh color 75, 26.607, 50.880.

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, 26.607, 50.880

Protanomaly
75, 19.125, 73.914

Deuteranomaly
75, 24.102, 60.267

Tritanomaly
75, 23.721, 22.744

Monochromacy



Original Color
75, 26.607, 50.880

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.125, 51.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.607, 50.880 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(228, 173, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 173, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.607, 50.880 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, 148) }
```

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

```
.border{ border-color:rgb(228, 173, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(228, 173,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.607, 50.880 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, 148) }
```

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

```
.background{ background-color: rgb(228,  
173, 148) }
```

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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