

Converting Colors

CIELCh(75, 28.546, 58.252)

Have a look what the booklet for
CIELCh(75, 28.546, 58.252) contains.

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Color

CIELCh(75, 28.330, 58.879)

Conversions

Conversions Part 1

Format	Color
Hex	E2AE8D
RGB	226, 174, 141
RGB Percent	89%, 68%, 55%
CMY	0.1143, 0.3182, 0.4476
CMYK	0.00, 0.23, 0.38, 0.11
HSL	23°, 59%, 72%
HSV	23°, 38%, 89%
XYZ	51.2199, 48.2781, 31.7637
YIQ	185.7860, 41.5850, 0.7610

Conversions

Conversions Part 2

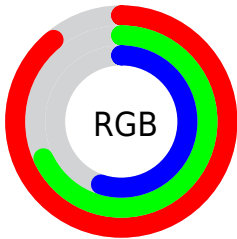
Format	Color
RYB	226, 195, 141
Decimal	14855821
CIELab	75.00, 14.64, 24.25
CIELCh	75, 28.330, 58.879
Yxy	48.2781, 0.3902, 0.3678
Android (android.graphics.Color)	4293045901 (0xFFE2AE8D)
YUV	185.7860, -22.0795, 35.2677
Hunter-Lab	69.4824, 9.9895, 21.5334

Details

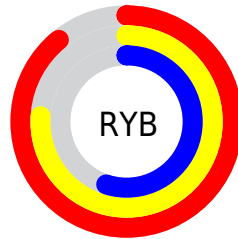
The CIELCh color **75, 28.330, 58.879** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 23.559, 248.021**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.442, 80.783**, and **55, 28.151, 59.181** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.076, 58.035**, and if you desaturate by 10%, it is **79, 20.112, 59.783**.

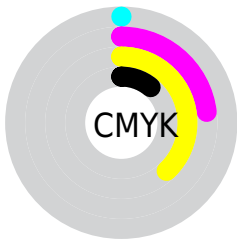
Distribution



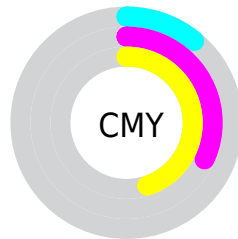
- Red (89%)
- Green (68%)
- Blue (55%)



- Red (89%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.330, 58.879 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, 28.330, 58.879 by changing the saturation by 10% instead.

 75, 28.330, 58.879

 75, 28.330, 58.879

 100, 28.330,
58.879

 65, 28.330, 58.879

 95, 28.330, 58.879

 55, 28.330, 58.879

 45, 28.330, 58.879

 35, 28.330, 58.879

 25, 28.330, 58.879

 15, 28.330, 58.879

 5, 28.330, 58.879

 0, 28.330, 58.879

 75, 28.330, 58.879

 75, 28.330, 58.879

71, 37.076, 58.035

79, 20.112, 59.783

68, 46.314, 57.231

83, 12.414, 60.713

64, 55.897, 56.438

87, 5.200, 61.631

61, 65.469, 55.550

91, 1.576, 243.027

58, 74.258, 54.317

95, 7.960, 243.762

56, 81.054, 52.328

98, 9.895, 198.848

55, 82.535, 51.872

Harmonies

Complementary

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



75, 28.330, 58.879



76, 23.559, 248.021

Rectangle

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



75, 28.330, 58.879



75, 28.330, 108.879



75, 28.330, 238.879



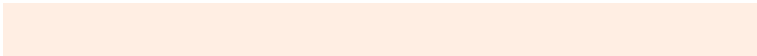
75, 28.330, 288.879

Sweetspot

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



75, 28.329, 58.885



95, 8.367, 61.324



69, 41.821, 341.022



50, 5.647, 61.198



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, 28.329, 58.885



81, 38.360, 58.228



86, 38.944, 100.887



45, 3.873, 61.472



43, 68.110, 52.514



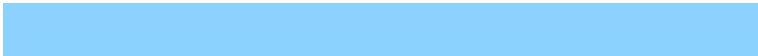
10, 20.088, 48.102

Inverse Universe

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



76, 23.559, 248.021



81, 30.526, 249.759



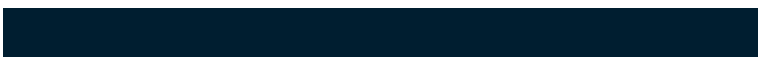
64, 41.827, 290.356



45, 3.724, 243.576



44, 43.452, 270.502



10, 15.849, 260.457

Previews

White Background



This preview shows how the CIELCh color 75, 28.330, 58.879 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, 28.330, 58.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

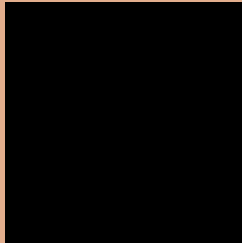
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.330, 58.879

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.330, 58.879.

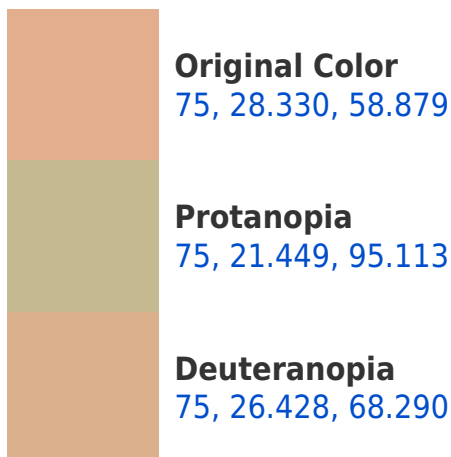


This preview shows how white text looks on a background with the CIELCh color 75, 28.330, 58.879.

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, 24.775, 5.454

Trichromacy



Original Color
75, 28.330, 58.879

Protanomaly
75, 22.633, 80.267

Deuteranomaly
75, 27.211, 65.019

Tritanomaly
75, 23.177, 26.629

Monochromacy



Original Color
75, 28.330, 58.879

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.508, 62.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.330, 58.879 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(226, 174, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 141)  
}
```

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(226, 174, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.330, 58.879 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(226, 174, 141) }
```

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

```
.border{ border-color:rgb(226, 174, 141) }
```

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

Here you see how a box with a 4 pixel rgb(226, 174, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 141);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.330, 58.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 174, 141) }
```

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

```
.background{ background-color: rgb(226,  
174, 141) }
```

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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