

Converting Colors

CIELCh(75, 25.690, 28.767)

Have a look what the booklet for
CIELCh(75, 25.690, 28.767) contains.

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Color

CIELCh(75, 25.892, 28.640)

Conversions

Conversions Part 1

Format	Color
Hex	E9A9A3
RGB	233, 169, 163
RGB Percent	91%, 66%, 64%
CMY	0.0867, 0.3377, 0.3612
CMYK	0.00, 0.27, 0.30, 0.09
HSL	5°, 61%, 78%
HSV	5°, 30%, 91%
XYZ	54.3331, 48.2781, 41.0536
YIQ	187.4520, 40.0700, 11.7020

Conversions

Conversions Part 2

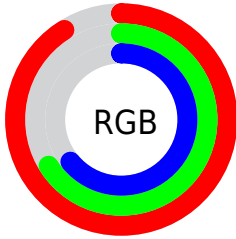
Format	Color
R _Y B	233, 170, 163
Decimal	15313315
CIE Lab	75.00, 22.72, 12.41
CIE LCh	75, 25.892, 28.640
Yxy	48.2781, 0.3782, 0.3360
Android (android.graphics.Color)	4293503395 (0xFFE9A9A3)
YUV	187.4520, -12.0548, 39.9456
Hunter-Lab	69.4824, 17.9871, 13.6063

Details

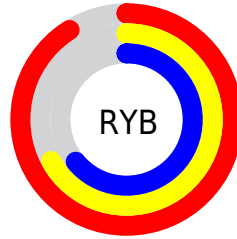
The CIELCh color **75, 25.892, 28.640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 20.889, 206.794**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.678, 38.011**, and **55, 26.168, 28.485** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.905, 29.586**, and if you desaturate by 10%, it is **81, 16.579, 27.958**.

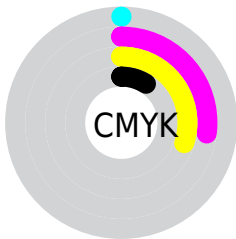
Distribution



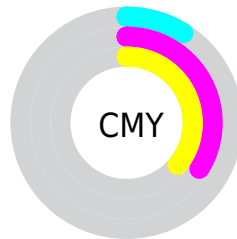
- Red (91%)
- Green (66%)
- Blue (64%)



- Red (91%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (9%)



- Cyan (9%)
- Magenta (34%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 25.892, 28.640 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, 25.892, 28.640 by changing the saturation by 10% instead.

 75, 25.892, 28.640

 75, 25.892, 28.640

 100, 25.892,
28.640

 65, 25.892, 28.640

 95, 25.892, 28.640

 55, 25.892, 28.640

 45, 25.892, 28.640

 35, 25.892, 28.640

 25, 25.892, 28.640

 15, 25.892, 28.640

 5, 25.892, 28.640

 0, 25.892, 28.640

 75, 25.892, 28.640

 75, 25.892, 28.640

70, 35.905, 29.586

81, 16.579, 27.958

65, 46.559, 30.854

86, 7.974, 27.443

60, 57.702, 32.520

92, 0.042, 12.195

56, 69.053, 34.613

98, 7.245, 202.859

53, 80.105, 37.025

98, 7.561, 199.015

51, 89.787, 39.300

49, 96.422, 40.779

Harmonies

Complementary

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



75, 25.892, 28.640



86, 20.889, 206.794

Rectangle

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



75, 25.892, 28.640



75, 25.892, 78.640



75, 25.892, 208.640



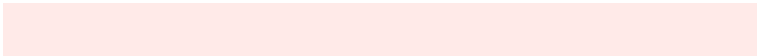
75, 25.892, 258.640

Sweetspot

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



75, 25.890, 28.646



94, 7.651, 27.395



75, 42.141, 328.505



49, 5.349, 27.464



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, 25.890, 28.646



78, 34.213, 29.187



83, 24.518, 79.919



46, 4.522, 27.415



38, 79.605, 40.980



8, 26.820, 27.379

Inverse Universe

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



86, 20.889, 206.794



92, 26.239, 206.821



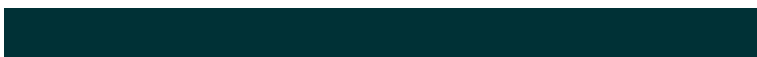
77, 23.512, 268.697



48, 4.252, 207.058



62, 34.926, 211.349



18, 15.136, 208.940

Previews

White Background



This preview shows how the CIELCh color 75, 25.892, 28.640 looks on a white background.

Color Contrast Check

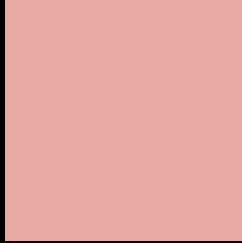
Large Text (above 18pt) WCAG AA × Fail

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, 25.892, 28.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

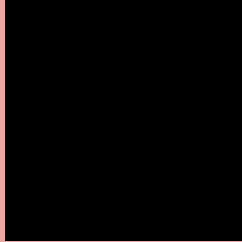
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.892, 28.640

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.892, 28.640.

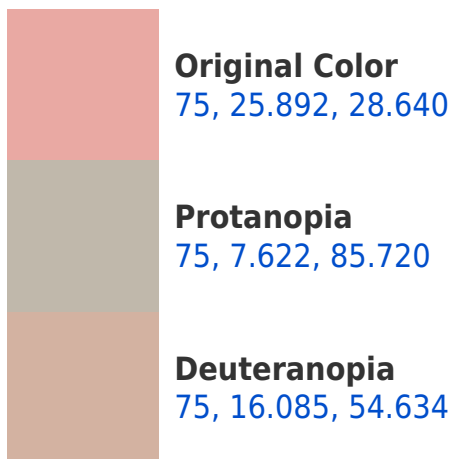


This preview shows how white text looks on a background with the CIELCh color 75, 25.892, 28.640.

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, 27.479, 7.401

Trichromacy



Original Color
75, 25.892, 28.640

Protanomaly
75, 12.488, 48.277

Deuteranomaly
75, 18.999, 42.110

Tritanomaly
75, 26.394, 14.878

Monochromacy



Original Color
75, 25.892, 28.640

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.248, 26.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.892, 28.640 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(233, 169, 163)` looks like.

```
.text, #text, p{  
    color:rgb(233, 169, 163)  
}
```

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(233, 169, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 169, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.892, 28.640 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(233, 169, 163) }
```

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

```
.border{ border-color:rgb(233, 169, 163) }
```

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

Here you see how a box with a 4 pixel rgb(233, 169, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 169, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 169, 163);  
box-shadow:4px 4px 4px 4px rgb(233, 169,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.892, 28.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 169, 163) }
```

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

```
.background{ background-color: rgb(233,  
169, 163) }
```

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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