

Converting Colors

CIELCh(71, 33.407, 28.332)

Have a look what the booklet for
CIELCh(71, 33.407, 28.332) contains.

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Color

CIELCh(71, 33.277, 28.877)

Conversions

Conversions Part 1

Format	Color
Hex	E99992
RGB	233, 153, 146
RGB Percent	91%, 60%, 57%
CMY	0.0862, 0.3999, 0.4274
CMYK	0.00, 0.34, 0.37, 0.09
HSL	5°, 66%, 74%
HSV	5°, 37%, 91%
XYZ	50.1905, 42.1875, 32.6963
YIQ	176.1220, 49.9270, 14.7830

Conversions

Conversions Part 2

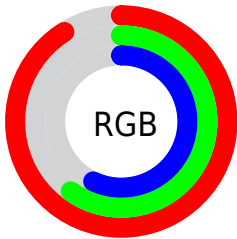
Format	Color
R _Y B	233, 154, 146
Decimal	15309202
CIE Lab	71.00, 29.14, 16.07
CIE LCh	71, 33.277, 28.877
Yxy	42.1875, 0.4013, 0.3373
Android (android.graphics.Color)	4293499282 (0xFFE99992)
YUV	176.1220, -14.8501, 49.8820
Hunter-Lab	64.9519, 24.2671, 15.6202

Details

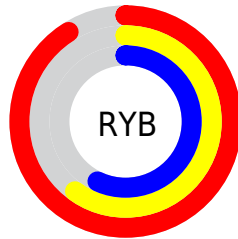
The CIELCh color **71, 33.277, 28.877** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 25.280, 206.221**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.421, 33.626**, and **51, 33.186, 28.414** is the 20% darker color. If you saturate the color by 10%, you get **66, 43.805, 30.089**, and if you desaturate by 10%, it is **76, 23.405, 27.988**.

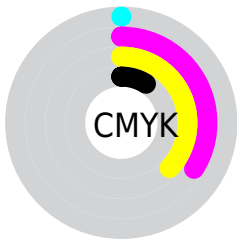
Distribution



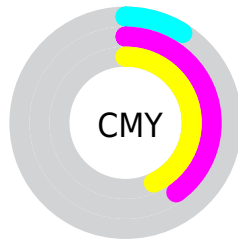
- Red (91%)
- Green (60%)
- Blue (57%)



- Red (91%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 33.277, 28.877 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 71, 33.277, 28.877 by changing the saturation by 10% instead.

71, 33.277, 28.877

71, 33.277, 28.877

100, 33.277,
28.877

61, 33.277, 28.877

91, 33.277, 28.877

51, 33.277, 28.877

41, 33.277, 28.877

31, 33.277, 28.877

21, 33.277, 28.877

11, 33.277, 28.877

1, 33.277, 28.877

0, 33.277, 28.877

71, 33.277, 28.877

71, 33.277, 28.877

66, 43.805, 30.089

76, 23.405, 27.988

61, 54.864, 31.684

82, 14.244, 27.331

57, 66.210, 33.717

88, 5.784, 26.814

54, 77.410, 36.132

94, 2.016, 206.919

51, 87.602, 38.594

98, 7.517, 199.018

50, 95.000, 40.268

49, 96.564, 40.713

Harmonies

Complementary

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



71, 33.277, 28.877



85, 25.280, 206.221

Rectangle

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



71, 33.277, 28.877



71, 33.277, 78.877



71, 33.277, 208.877



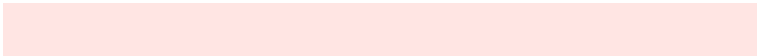
71, 33.277, 258.877

Sweetspot

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



71, 33.275, 28.882



93, 9.474, 27.001



72, 52.691, 328.404



49, 6.401, 27.069



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 33.275, 28.882



73, 44.458, 29.803



81, 30.519, 77.346



46, 4.543, 26.922



38, 79.697, 40.906



8, 26.921, 27.076

Inverse Universe

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



85, 25.280, 206.221



91, 31.529, 206.323



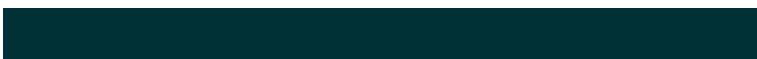
74, 28.660, 268.679



48, 4.272, 206.524



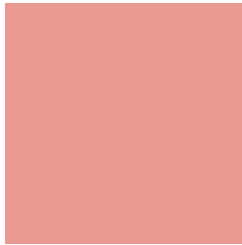
62, 35.096, 210.331



18, 15.206, 208.096

Previews

White Background



This preview shows how the CIELCh color 71, 33.277, 28.877 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 71, 33.277, 28.877 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 71, 33.277, 28.877

Background



This preview shows how black text looks on a background with the CIELCh color 71, 33.277, 28.877.

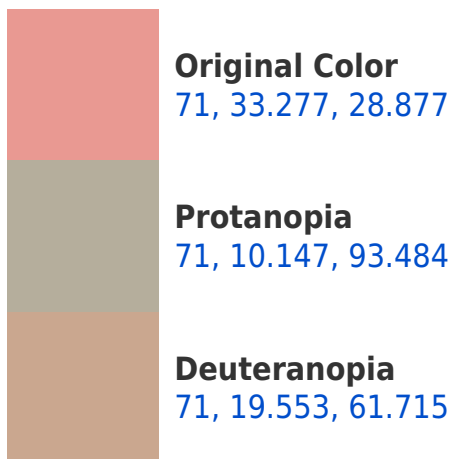


This preview shows how white text looks on a background with the CIELCh color 71, 33.277, 28.877.

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
71, 33.340, 12.598

Trichromacy



Original Color
71, 33.277, 28.877

Protanomaly
71, 15.739, 49.132

Deuteranomaly
71, 23.376, 45.482

Tritanomaly
71, 33.034, 18.925

Monochromacy



Original Color
71, 33.277, 28.877

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 11.452, 28.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 33.277, 28.877 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, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(233, 153, 146)  
}
```

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, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 153, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 33.277, 28.877 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, 153, 146) }
```

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

```
.border{ border-color:rgb(233, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(233, 153,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 33.277, 28.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 153, 146) }
```

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

```
.background{ background-color: rgb(233,  
153, 146) }
```

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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