

Converting Colors

CIELCh(71, 35.533, 28.314)

Have a look what the booklet for
CIELCh(71, 35.533, 28.314) contains.

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Color

CIELCh(71, 35.729, 27.857)

Conversions

Conversions Part 1

Format	Color
Hex	ED9791
RGB	237, 151, 145
RGB Percent	93%, 59%, 57%
CMY	0.0705, 0.4078, 0.4313
CMYK	0.00, 0.36, 0.39, 0.07
HSL	4°, 72%, 75%
HSV	4°, 39%, 93%
XYZ	51.1086, 42.1875, 32.2411
YIQ	176.0300, 53.1820, 16.3660

Conversions

Conversions Part 2

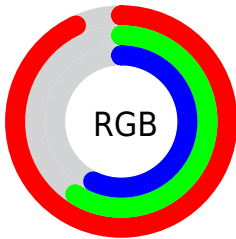
Format	Color
R _Y B	237, 151, 145
Decimal	15570833
CIE Lab	71.00, 31.59, 16.69
CIE LCh	71, 35.729, 27.857
Yxy	42.1875, 0.4071, 0.3361
Android (android.graphics.Color)	4293760913 (0xFFED9791)
YUV	176.0300, -15.2978, 53.4707
Hunter-Lab	64.9519, 26.7902, 16.0357

Details

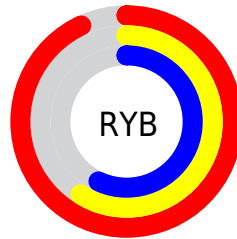
The CIELCh color **71, 35.729, 27.857** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 26.833, 204.477**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 19.081, 31.673**, and **51, 35.812, 27.573** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.590, 29.229**, and if you desaturate by 10%, it is **77, 25.502, 26.837**.

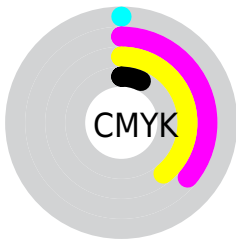
Distribution



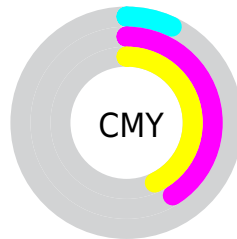
- Red (93%)
- Green (59%)
- Blue (57%)



- Red (93%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 35.729, 27.857 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, 35.729, 27.857 by changing the saturation by 10% instead.

71, 35.729, 27.857

71, 35.729, 27.857

100, 35.729,
27.857

61, 35.729, 27.857

91, 35.729, 27.857

51, 35.729, 27.857

41, 35.729, 27.857

31, 35.729, 27.857

21, 35.729, 27.857

11, 35.729, 27.857

1, 35.729, 27.857

0, 35.729, 27.857

71, 35.729, 27.857

71, 35.729, 27.857

66, 46.590, 29.229

77, 25.502, 26.837

61, 57.927, 31.020

82, 15.987, 26.074

57, 69.453, 33.282

88, 7.189, 25.482

54, 80.677, 35.932

94, 0.926, 205.862

51, 90.609, 38.550

99, 6.174, 199.122

50, 97.425, 40.303

50, 98.095, 40.532

Harmonies

Complementary

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



71, 35.729, 27.857



87, 26.833, 204.477

Rectangle

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



71, 35.729, 27.857



71, 35.729, 77.857



71, 35.729, 207.857



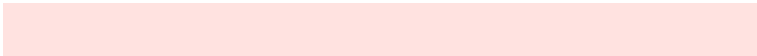
71, 35.729, 257.857

Sweetspot

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



71, 35.727, 27.861



92, 10.521, 25.663



72, 56.073, 327.979



48, 7.016, 25.738



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, 35.727, 27.861



71, 47.329, 28.979



81, 31.956, 75.533



46, 4.606, 25.518



38, 79.942, 40.708



8, 27.216, 26.210

Inverse Universe

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



87, 26.833, 204.477



91, 33.038, 204.518



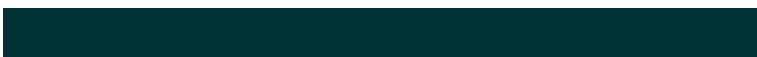
74, 29.602, 267.391



48, 4.332, 205.002



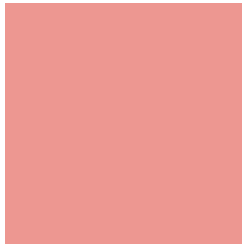
63, 35.640, 207.449



18, 15.424, 205.701

Previews

White Background



This preview shows how the CIELCh color 71, 35.729, 27.857 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, 35.729, 27.857 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, 35.729, 27.857

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.729, 27.857.

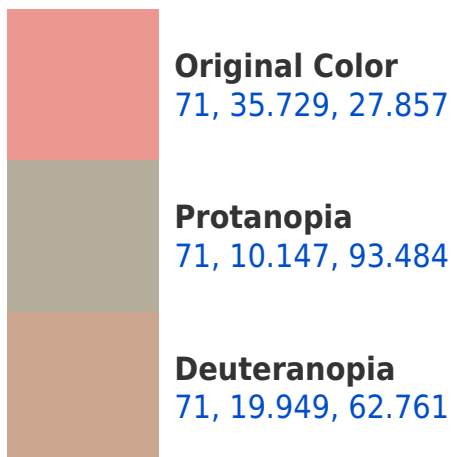


This preview shows how white text looks on a background with the CIELCh color 71, 35.729, 27.857.

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, 35.799, 13.607

Trichromacy



Original Color
71, 35.729, 27.857

Protanomaly
71, 16.103, 48.447

Deuteranomaly
71, 24.575, 44.327

Tritanomaly
71, 35.515, 18.623

Monochromacy



Original Color
71, 35.729, 27.857

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 12.170, 25.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.729, 27.857 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(237, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(237, 151, 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(237, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 151, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.729, 27.857 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(237, 151, 145) }
```

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

```
.border{ border-color:rgb(237, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(237, 151,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.729, 27.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 151, 145) }
```

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

```
.background{ background-color: rgb(237,  
151, 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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