

Converting Colors

CIELCh(70, 35.511, 30.659)

Have a look what the booklet for
CIELCh(70, 35.511, 30.659) contains.

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Color

CIELCh(70, 35.465, 30.444)

Conversions

Conversions Part 1

Format	Color
Hex	E9958C
RGB	233, 149, 140
RGB Percent	91%, 58%, 55%
CMY	0.0860, 0.4154, 0.4507
CMYK	0.00, 0.36, 0.40, 0.09
HSL	6°, 68%, 73%
HSV	6°, 40%, 91%
XYZ	49.1272, 40.7494, 30.1136
YIQ	173.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

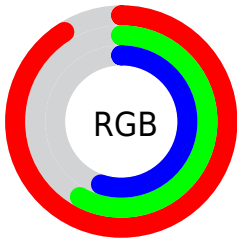
Format	Color
R _Y B	233, 150, 140
Decimal	15308172
CIE Lab	70.00, 30.58, 17.97
CIE LCh	70, 35.465, 30.444
Yxy	40.7494, 0.4094, 0.3396
Android (android.graphics.Color)	4293498252 (0xFFE9958C)
YUV	173.0900, -16.3134, 52.5411
Hunter-Lab	63.8353, 25.6607, 16.7153

Details

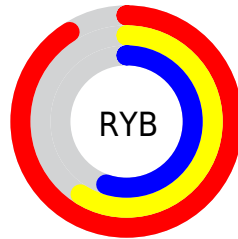
The CIELCh color **70, 35.465, 30.444** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 26.323, 208.193**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.366, 35.511**, and **50, 35.606, 30.269** is the 20% darker color. If you saturate the color by 10%, you get **65, 46.050, 31.632**, and if you desaturate by 10%, it is **75, 25.529, 29.579**.

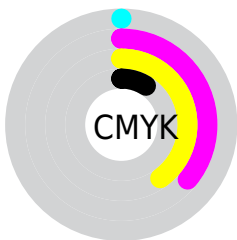
Distribution



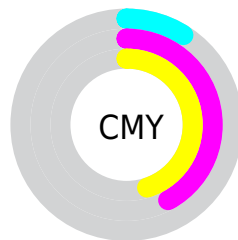
- Red (91%)
- Green (58%)
- Blue (55%)



- Red (91%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 35.465, 30.444 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 70, 35.465, 30.444 by changing the saturation by 10% instead.

 70, 35.465, 30.444

 70, 35.465, 30.444

 100, 35.465,
30.444

 60, 35.465, 30.444

 90, 35.465, 30.444

 50, 35.465, 30.444

 40, 35.465, 30.444

 30, 35.465, 30.444

 20, 35.465, 30.444

 10, 35.465, 30.444

 0, 35.465, 30.444

 70, 35.465, 30.444

 70, 35.465, 30.444

 65, 46.050, 31.632

 75, 25.529, 29.579

60, 57.151, 33.196

81, 16.302, 28.951

57, 68.499, 35.165

87, 7.781, 28.487

53, 79.596, 37.434

92, 0.073, 216.862

51, 89.382, 39.564

98, 7.267, 201.737

49, 96.201, 40.912

98, 7.495, 199.020

49, 96.259, 40.928

Harmonies

Complementary

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



70, 35.465, 30.444



84, 26.323, 208.193

Rectangle

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



70, 35.465, 30.444



70, 35.465, 80.444



70, 35.465, 210.444



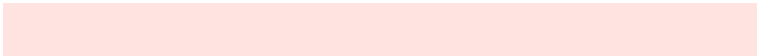
70, 35.465, 260.444

Sweetspot

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



70, 35.463, 30.448



92, 10.232, 28.579



71, 55.533, 329.071



48, 6.824, 28.637



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 35.463, 30.448



72, 47.355, 31.410



81, 33.091, 78.561



46, 4.479, 28.469



38, 79.399, 41.149



8, 26.611, 28.026

Inverse Universe

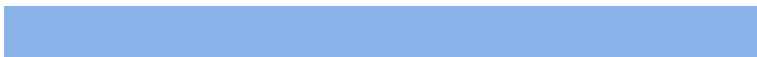
The Inverse Universe completely reimagines the original color for something new.



84, 26.323, 208.193



90, 32.621, 208.441



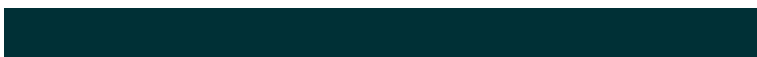
72, 31.279, 270.857



48, 4.211, 208.200



61, 34.602, 213.530



17, 14.998, 210.749

Previews

White Background



This preview shows how the CIELCh color 70, 35.465, 30.444 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 70, 35.465, 30.444 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 70, 35.465, 30.444

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.465, 30.444.

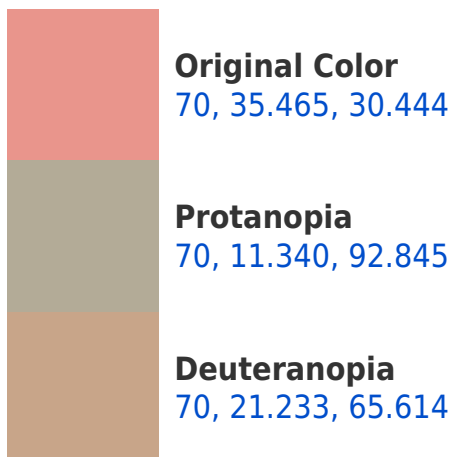


This preview shows how white text looks on a background with the CIELCh color 70, 35.465, 30.444.

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
70, 35.923, 13.684

Trichromacy



Original Color
70, 35.465, 30.444

Protanomaly
70, 17.142, 50.825

Deuteranomaly
70, 25.129, 47.834

Tritanomaly
70, 35.296, 19.469

Monochromacy



Original Color
70, 35.465, 30.444

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.308, 28.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.465, 30.444 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, 149, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 149, 140)  
}
```

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, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 149, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.465, 30.444 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, 149, 140) }
```

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

```
.border{ border-color:rgb(233, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(233, 149,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.465, 30.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 149, 140) }
```

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

```
.background{ background-color: rgb(233,  
149, 140) }
```

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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