

Converting Colors

CIELCh(70, 35.567, 32.814)

Have a look what the booklet for
CIELCh(70, 35.567, 32.814) contains.

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Color

CIELCh(70, 35.539, 32.944)

Conversions

Conversions Part 1

Format	Color
Hex	E9968A
RGB	233, 150, 138
RGB Percent	91%, 59%, 54%
CMY	0.0881, 0.4134, 0.4604
CMYK	0.00, 0.36, 0.41, 0.09
HSL	8°, 68%, 73%
HSV	8°, 41%, 91%
XYZ	48.8519, 40.7494, 29.1827
YIQ	173.4490, 53.3200, 13.8640

Conversions

Conversions Part 2

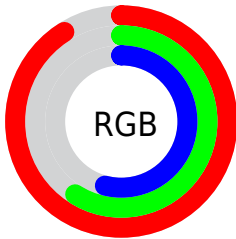
Format	Color
R _Y B	233, 152, 138
Decimal	15308426
CIE Lab	70.00, 29.82, 19.33
CIE LCh	70, 35.539, 32.944
Yxy	40.7494, 0.4113, 0.3431
Android (android.graphics.Color)	4293498506 (0xFFE9968A)
YUV	173.4490, -17.4764, 52.2262
Hunter-Lab	63.8353, 24.8910, 17.5799

Details

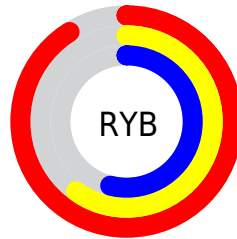
The CIELCh color **70, 35.539, 32.944** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 26.145, 211.902**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.766, 41.131**, and **50, 35.718, 32.843** is the 20% darker color. If you saturate the color by 10%, you get **65, 45.987, 33.948**, and if you desaturate by 10%, it is **75, 25.757, 32.236**.

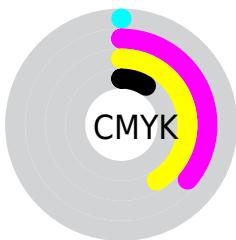
Distribution



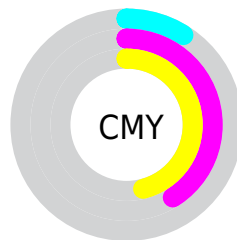
- Red (91%)
- Green (59%)
- Blue (54%)



- Red (91%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (41%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 35.539, 32.944 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, 35.539, 32.944 by changing the saturation by 10% instead.

 70, 35.539, 32.944

 70, 35.539, 32.944

 100, 35.539,
32.944

 60, 35.539, 32.944

 90, 35.539, 32.944

 50, 35.539, 32.944

 40, 35.539, 32.944

 30, 35.539, 32.944

 20, 35.539, 32.944

 10, 35.539, 32.944

 0, 35.539, 32.944

 70, 35.539, 32.944

 70, 35.539, 32.944

 65, 45.987, 33.948

 75, 25.757, 32.236

61, 56.982, 35.285

81, 16.688, 31.747

57, 68.267, 36.969

86, 8.319, 31.413

54, 79.326, 38.875

92, 0.610, 30.307

51, 89.030, 40.544

97, 6.499, 211.362

50, 95.382, 41.408

98, 7.676, 199.006

Harmonies

Complementary

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



70, 35.539, 32.944



83, 26.145, 211.902

Rectangle

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



70, 35.539, 32.944



70, 35.539, 82.944



70, 35.539, 212.944



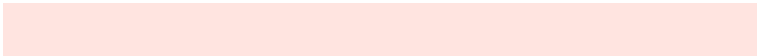
70, 35.539, 262.944

Sweetspot

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



70, 35.537, 32.949



93, 9.987, 31.449



70, 55.381, 330.218



49, 6.661, 31.489



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, 35.537, 32.949



72, 47.494, 33.768



81, 34.566, 81.469



46, 4.371, 31.373



39, 78.766, 41.675



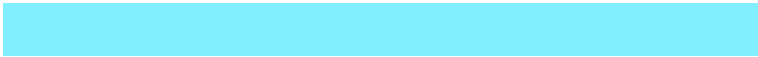
8, 26.079, 29.772

Inverse Universe

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



83, 26.145, 211.902



89, 32.364, 212.368



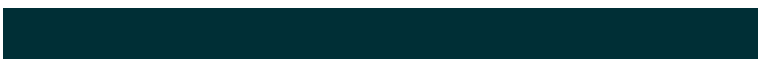
71, 33.340, 274.050



48, 4.111, 211.349



60, 33.963, 219.571



17, 14.698, 215.752

Previews

White Background



This preview shows how the CIELCh color 70, 35.539, 32.944 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, 35.539, 32.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

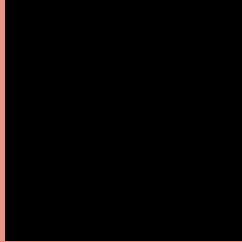
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 35.539, 32.944

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.539, 32.944.

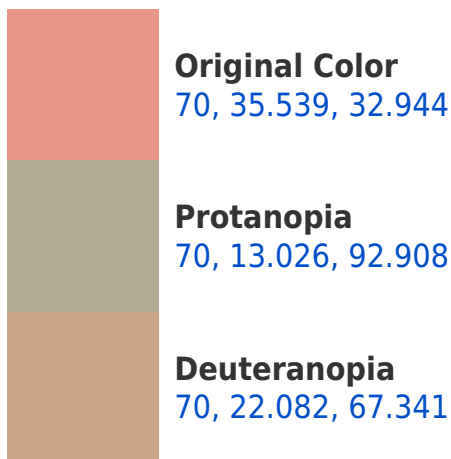


This preview shows how white text looks on a background with the CIELCh color 70, 35.539, 32.944.

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, 35.086, 13.348

Trichromacy



Original Color
70, 35.539, 32.944

Protanomaly
70, 18.134, 54.977

Deuteranomaly
70, 25.752, 49.798

Tritanomaly
70, 34.494, 20.164

Monochromacy



Original Color
70, 35.539, 32.944

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.423, 30.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.539, 32.944 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, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(233, 150, 138)  
}
```

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, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 150, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.539, 32.944 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, 150, 138) }
```

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

```
.border{ border-color:rgb(233, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(233, 150,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.539, 32.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 150, 138) }
```

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

```
.background{ background-color: rgb(233,  
150, 138) }
```

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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