

Converting Colors

CIELCh(70, 38.415, 33.037)

Have a look what the booklet for
CIELCh(70, 38.415, 33.037) contains.

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Color

CIELCh(70, 38.354, 33.240)

Conversions

Conversions Part 1

Format	Color
Hex	ED9487
RGB	237, 148, 135
RGB Percent	93%, 58%, 53%
CMY	0.0721, 0.4209, 0.4719
CMYK	0.00, 0.38, 0.43, 0.07
HSL	8°, 73%, 73%
HSV	8°, 43%, 93%
XYZ	49.6814, 40.7494, 28.0457
YIQ	173.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

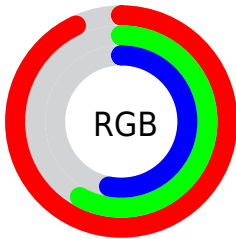
Format	Color
R_{YB}	237, 150, 135
Decimal	15570055
CIE Lab	70.00, 32.08, 21.02
CIE LCh	70, 38.354, 33.240
Yxy	40.7494, 0.4193, 0.3439
Android (android.graphics.Color)	4293760135 (0xFFED9487)
YUV	173.1290, -18.7976, 56.0149
Hunter-Lab	63.8353, 27.2105, 18.6359

Details

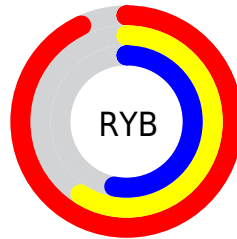
The CIELCh color **70, 38.354, 33.240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 27.644, 212.161**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 21.789, 41.665**, and **50, 38.329, 33.405** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.086, 34.310**, and if you desaturate by 10%, it is **75, 28.278, 32.478**.

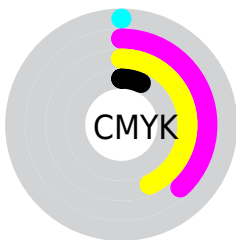
Distribution



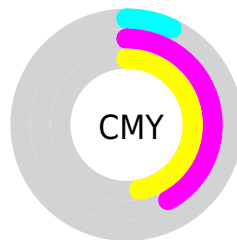
- Red (93%)
- Green (58%)
- Blue (53%)



- Red (93%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 38.354, 33.240 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, 38.354, 33.240 by changing the saturation by 10% instead.

 70, 38.354, 33.240

 70, 38.354, 33.240

 100, 38.354,
33.240

 60, 38.354, 33.240

 90, 38.354, 33.240

 50, 38.354, 33.240

 40, 38.354, 33.240

 30, 38.354, 33.240

 20, 38.354, 33.240

 10, 38.354, 33.240

 0, 38.354, 33.240

 70, 38.354, 33.240

 70, 38.354, 33.240

 65, 49.086, 34.310

 75, 28.278, 32.478

61, 60.330, 35.720

81, 18.923, 31.949

57, 71.782, 37.464

86, 10.285, 31.594

54, 82.816, 39.360

92, 2.326, 31.200

52, 92.057, 40.836

98, 5.009, 211.521

51, 96.634, 41.413

99, 6.308, 199.111

Harmonies

Complementary

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



70, 38.354, 33.240



84, 27.644, 212.161

Rectangle

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



70, 38.354, 33.240



70, 38.354, 83.240



70, 38.354, 213.240



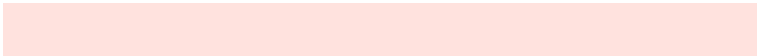
70, 38.354, 263.240

Sweetspot

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



70, 38.352, 33.244



92, 10.855, 31.593



70, 59.076, 330.356



48, 7.667, 31.661



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, 38.352, 33.244



70, 50.928, 34.203



82, 37.094, 81.143



46, 4.367, 31.488



39, 78.739, 41.698



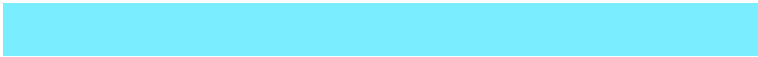
8, 26.059, 29.840

Inverse Universe

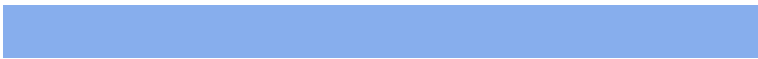
The Inverse Universe completely reimagines the original color for something new.



84, 27.644, 212.161



88, 33.731, 212.735



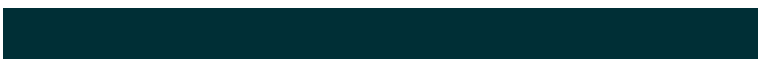
70, 35.720, 274.606



48, 4.107, 211.474



60, 33.945, 219.810



17, 14.688, 215.950

Previews

White Background



This preview shows how the CIELCh color 70, 38.354, 33.240 looks on a white background.

Color Contrast Check

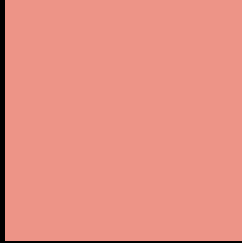
Large Text (above 18pt) WCAG AA × Fail

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, 38.354, 33.240 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, 38.354, 33.240

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.354, 33.240.

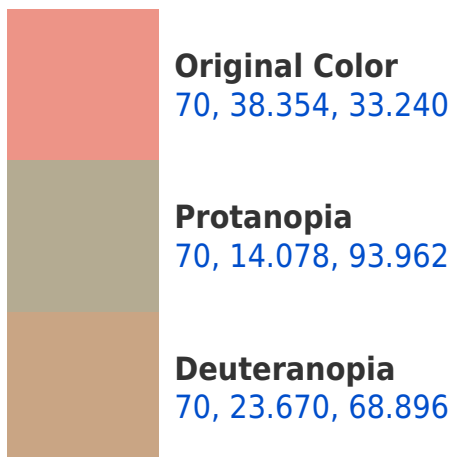


This preview shows how white text looks on a background with the CIELCh color 70, 38.354, 33.240.

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](#).

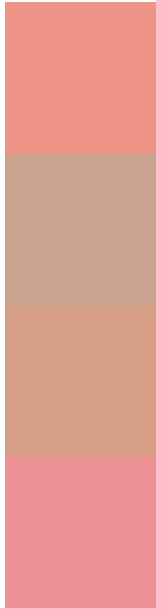
Dichromacy





Tritanopia
70, 37.575, 15.123

Trichromacy



Original Color
70, 38.354, 33.240

Protanomaly
70, 19.525, 56.025

Deuteranomaly
70, 27.484, 51.655

Tritanomaly
70, 37.135, 21.468

Monochromacy



Original Color
70, 38.354, 33.240

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.957, 32.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.354, 33.240 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, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(237, 148, 135)  
}
```

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, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 148, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.354, 33.240 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, 148, 135) }
```

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

```
.border{ border-color:rgb(237, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(237, 148,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.354, 33.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 148, 135) }
```

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

```
.background{ background-color: rgb(237,  
148, 135) }
```

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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