

Converting Colors

CIELCh(70, 38.743, 23.253)

Have a look what the booklet for
CIELCh(70, 38.743, 23.253) contains.

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Color

CIELCh(70, 38.616, 23.247)

Conversions

Conversions Part 1

Format	Color
Hex	EF9191
RGB	239, 145, 145
RGB Percent	94%, 57%, 57%
CMY	0.0619, 0.4306, 0.4306
CMYK	0.00, 0.39, 0.39, 0.06
HSL	0°, 75%, 75%
HSV	0°, 39%, 94%
XYZ	50.9511, 40.7494, 32.0450
YIQ	173.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

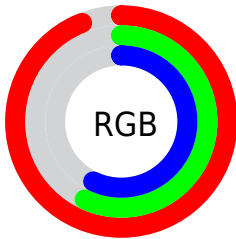
Format	Color
R_{YB}	239, 145, 145
Decimal	15700369
CIE _{Lab}	70.00, 35.48, 15.24
CIE _{LCh}	70, 38.616, 23.247
Yxy	40.7494, 0.4117, 0.3293
Android (android.graphics.Color)	4293890449 (0xFFEF9191)
YUV	173.1060, -13.8563, 57.7890
Hunter-Lab	63.8353, 30.7608, 14.9213

Details

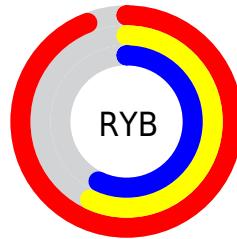
The CIELCh color **70, 38.616, 23.247** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 29.180, 197.543**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 20.960, 22.417**, and **50, 38.404, 23.037** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.977, 25.073**, and if you desaturate by 10%, it is **76, 27.776, 21.858**.

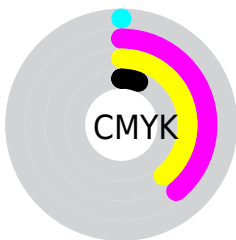
Distribution



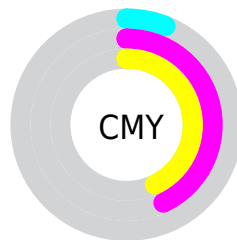
- Red (94%)
- Green (57%)
- Blue (57%)



- Red (94%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (6%)



- Cyan (6%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 38.616, 23.247 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, 38.616, 23.247 by changing the saturation by 10% instead.

 70, 38.616, 23.247

 70, 38.616, 23.247

 100, 38.616,
23.247

 60, 38.616, 23.247

 90, 38.616, 23.247

 50, 38.616, 23.247

 40, 38.616, 23.247

 30, 38.616, 23.247

 20, 38.616, 23.247

 10, 38.616, 23.247

 0, 38.616, 23.247

 70, 38.616, 23.247

 70, 38.616, 23.247

 65, 49.977, 25.073

 76, 27.776, 21.858

■ 60, 61.610, 27.439

■ 82, 17.607, 20.787

■ 56, 73.141, 30.419

■ 88, 8.157, 19.934

■ 53, 84.038, 33.921

■ 95, 0.583, 200.464

■ 51, 93.305, 37.412

■ 99, 5.428, 199.183

■ 50, 99.263, 39.845

■ 50, 99.637, 40.001

Harmonies

Complementary

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



70, 38.616, 23.247



89, 29.180, 197.543

Rectangle

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



70, 38.616, 23.247



70, 38.616, 73.247



70, 38.616, 203.247



70, 38.616, 253.247

Sweetspot

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



70, 38.614, 23.251



92, 11.199, 20.154



73, 59.112, 326.553



48, 7.467, 20.261



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, 38.614, 23.251



70, 49.861, 24.641



81, 31.892, 70.482



47, 4.992, 19.947



38, 81.701, 39.996



8, 29.834, 23.812

Inverse Universe

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



89, 29.180, 197.543



93, 35.326, 197.261



76, 28.488, 262.218



49, 4.701, 198.976



68, 39.151, 196.403



21, 17.091, 196.401

Previews

White Background



This preview shows how the CIELCh color 70, 38.616, 23.247 looks on a white background.

Color Contrast Check

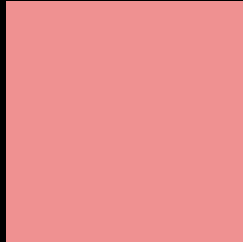
Large Text (above 18pt) WCAG AA × Fail

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, 38.616, 23.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

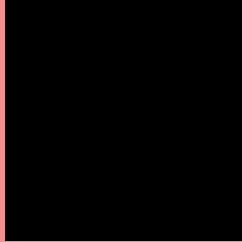
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 38.616, 23.247

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.616, 23.247.

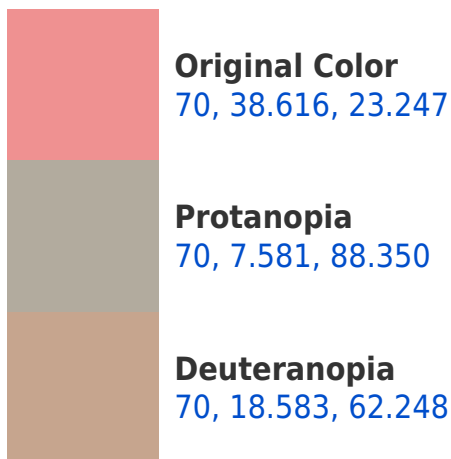


This preview shows how white text looks on a background with the CIELCh color 70, 38.616, 23.247.

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](#).

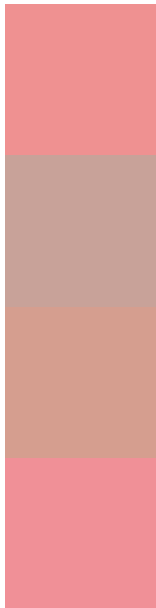
Dichromacy





Tritanopia
70, 38.822, 15.546

Trichromacy



Original Color
70, 38.616, 23.247

Protanomaly
70, 16.083, 38.286

Deuteranomaly
70, 24.303, 40.685

Tritanomaly
70, 38.939, 17.917

Monochromacy



Original Color
70, 38.616, 23.247

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 13.326, 20.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.616, 23.247 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(239, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(239, 145, 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(239, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 145, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.616, 23.247 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(239, 145, 145) }
```

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

```
.border{ border-color:rgb(239, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(239, 145,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.616, 23.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 145, 145) }
```

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

```
.background{ background-color: rgb(239,  
145, 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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