

Converting Colors

CIELCh(70, 37.869, 23.195)

Have a look what the booklet for
CIELCh(70, 37.869, 23.195) contains.

CIELCh(70, 37.736, 23.139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 37.736, 23.139)

Conversions

Conversions Part 1

Format	Color
Hex	EE9292
RGB	238, 146, 146
RGB Percent	93%, 57%, 57%
CMY	0.0672, 0.4279, 0.4279
CMYK	0.00, 0.39, 0.39, 0.07
HSL	0°, 73%, 75%
HSV	0°, 39%, 93%
XYZ	50.6579, 40.7494, 32.3442
YIQ	173.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

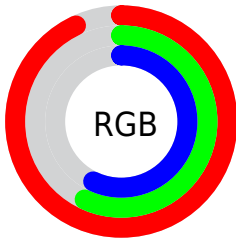
Format	Color
R _Y B	238, 146, 146
Decimal	15635090
CIE Lab	70.00, 34.70, 14.83
CIE LCh	70, 37.736, 23.139
Yxy	40.7494, 0.4094, 0.3293
Android (android.graphics.Color)	4293825170 (0xFFEE9292)
YUV	173.5080, -13.5614, 56.5595
Hunter-Lab	63.8353, 29.9410, 14.6435

Details

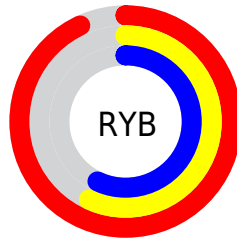
The CIELCh color **70, 37.736, 23.139** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 28.665, 197.559**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.547, 22.406**, and **50, 37.466, 22.826** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.018, 24.934**, and if you desaturate by 10%, it is **76, 26.985, 21.774**.

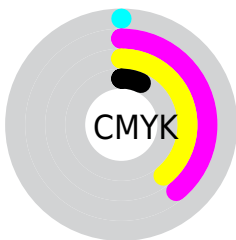
Distribution



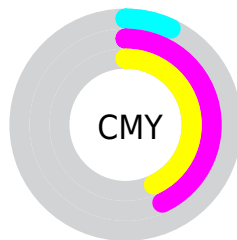
- Red (93%)
- Green (57%)
- Blue (57%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 37.736, 23.139 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, 37.736, 23.139 by changing the saturation by 10% instead.

70, 37.736, 23.139

70, 37.736, 23.139

100, 37.736,
23.139

60, 37.736, 23.139

90, 37.736, 23.139

50, 37.736, 23.139

40, 37.736, 23.139

30, 37.736, 23.139

20, 37.736, 23.139

10, 37.736, 23.139

0, 37.736, 23.139

70, 37.736, 23.139

70, 37.736, 23.139

65, 49.018, 24.934

76, 26.985, 21.774

■ 60, 60.591, 27.261

■ 82, 16.907, 20.721

■ 56, 72.090, 30.201

■ 88, 7.545, 19.876

■ 53, 83.000, 33.677

■ 95, 1.112, 199.905

■ 51, 92.382, 37.200

■ 99, 5.883, 199.145

■ 50, 98.502, 39.702

■ 50, 99.214, 40.000

Harmonies

Complementary

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



70, 37.736, 23.139



89, 28.665, 197.559

Rectangle

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



70, 37.736, 23.139



70, 37.736, 73.139



70, 37.736, 203.139



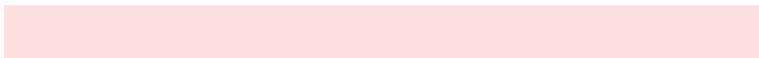
70, 37.736, 253.139

Sweetspot

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



70, 37.734, 23.143



92, 11.200, 20.147



73, 57.935, 326.521



48, 7.468, 20.255



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, 37.734, 23.143



70, 48.657, 24.441



81, 31.184, 70.564



47, 4.993, 19.941



38, 81.702, 39.995



8, 29.836, 23.808

Inverse Universe

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



89, 28.665, 197.559



94, 34.762, 197.286



76, 27.913, 262.065



49, 4.701, 198.969



68, 39.156, 196.390



21, 17.093, 196.390

Previews

White Background



This preview shows how the CIELCh color 70, 37.736, 23.139 looks on a white background.

Color Contrast Check

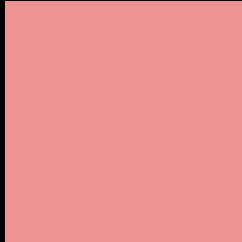
Large Text (above 18pt) WCAG AA × Fail

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, 37.736, 23.139 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, 37.736, 23.139

Background



This preview shows how black text looks on a background with the CIELCh color 70, 37.736, 23.139.

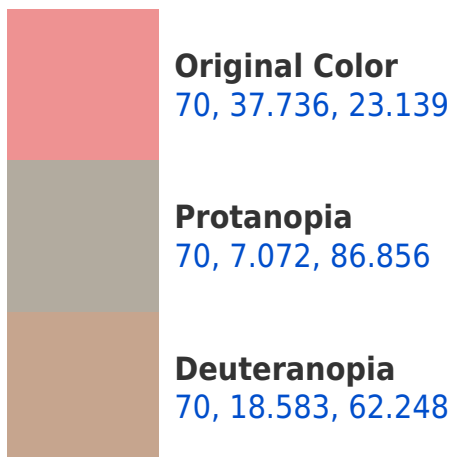


This preview shows how white text looks on a background with the CIELCh color 70, 37.736, 23.139.

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](#).

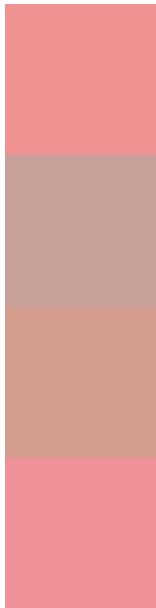
Dichromacy





Tritanopia
70, 38.400, 14.615

Trichromacy



Original Color
70, 37.736, 23.139

Protanomaly
70, 15.885, 36.484

Deuteranomaly
70, 23.903, 40.995

Tritanomaly
70, 38.081, 17.681

Monochromacy



Original Color
70, 37.736, 23.139

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, 37.736, 23.139 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(238, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(238, 146, 146)  
}
```

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(238, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 146, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 37.736, 23.139 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(238, 146, 146) }
```

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

```
.border{ border-color:rgb(238, 146, 146) }
```

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

Here you see how a box with a 4 pixel rgb(238, 146, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(238, 146,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 37.736, 23.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 146, 146) }
```

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

```
.background{ background-color: rgb(238,  
146, 146) }
```

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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