

Converting Colors

CIELCh(71, 34.244, 23.575)

Have a look what the booklet for
CIELCh(71, 34.244, 23.575) contains.

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Color

CIELCh(71, 34.282, 23.582)

Conversions

Conversions Part 1

Format	Color
Hex	EB9796
RGB	235, 151, 150
RGB Percent	92%, 59%, 59%
CMY	0.0769, 0.4064, 0.4104
CMYK	0.00, 0.36, 0.36, 0.08
HSL	1°, 68%, 76%
HSV	1°, 36%, 92%
XYZ	51.0447, 42.1875, 34.4521
YIQ	176.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

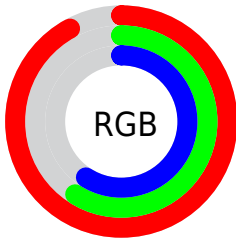
Format	Color
R _Y B	235, 151, 150
Decimal	15439766
CIE Lab	71.00, 31.42, 13.71
CIE LCh	71, 34.282, 23.582
Yxy	42.1875, 0.3998, 0.3304
Android (android.graphics.Color)	4293629846 (0xFFEB9796)
YUV	176.0020, -12.8190, 51.7412
Hunter-Lab	64.9519, 26.6145, 14.0175

Details

The CIELCh color **71, 34.282, 23.582** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 26.528, 198.833**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.561, 23.961**, and **51, 34.334, 23.901** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.273, 25.186**, and if you desaturate by 10%, it is **77, 23.880, 22.366**.

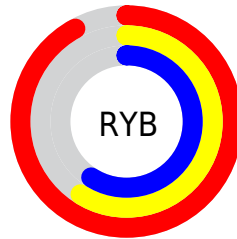
Distribution



Red (92%)

Green (59%)

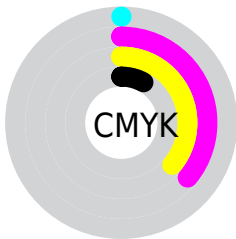
Blue (59%)



Red (92%)

Yellow (59%)

Blue (59%)

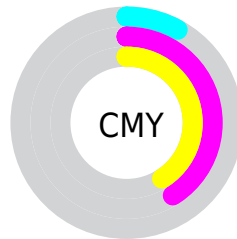


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (8%)



Cyan (8%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 34.282, 23.582 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 71, 34.282, 23.582 by changing the saturation by 10% instead.

71, 34.282, 23.582

71, 34.282, 23.582

100, 34.282,
23.582

61, 34.282, 23.582

91, 34.282, 23.582

51, 34.282, 23.582

41, 34.282, 23.582

31, 34.282, 23.582

21, 34.282, 23.582

11, 34.282, 23.582

1, 34.282, 23.582

0, 34.282, 23.582

71, 34.282, 23.582

71, 34.282, 23.582

66, 45.273, 25.186

77, 23.880, 22.366

61, 56.662, 27.272

83, 14.171, 21.426

56, 68.133, 29.934

89, 5.174, 20.644

53, 79.232, 33.149

96, 3.139, 200.420

51, 89.183, 36.580

99, 6.721, 199.078

50, 96.283, 39.253

49, 98.282, 40.092

Harmonies

Complementary

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



71, 34.282, 23.582



88, 26.528, 198.833

Rectangle

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



71, 34.282, 23.582



71, 34.282, 73.582



71, 34.282, 203.582



71, 34.282, 253.582

Sweetspot

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



71, 34.280, 23.586



93, 10.106, 21.023



73, 53.818, 326.392



48, 6.827, 21.128



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 34.280, 23.586



72, 44.608, 24.670



81, 28.714, 70.890



46, 4.847, 20.902



38, 80.681, 40.117



7, 28.288, 23.327

Inverse Universe

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



88, 26.528, 198.833



93, 32.583, 198.609



76, 25.911, 261.475



48, 4.563, 200.010



66, 38.102, 198.245



19, 16.356, 197.969

Previews

White Background



This preview shows how the CIELCh color 71, 34.282, 23.582 looks on a white background.

Color Contrast Check

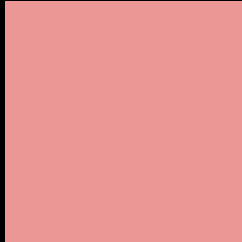
Large Text (above 18pt) WCAG AA × Fail

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 71, 34.282, 23.582 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 71, 34.282, 23.582

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.282, 23.582.



This preview shows how white text looks on a background with the CIELCh color 71, 34.282, 23.582.

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



Original Color

71, 34.282, 23.582

Protanopia

71, 6.909, 89.867

Deuteranopia

71, 17.416, 60.798



Tritanopia
71, 34.568, 13.114

Trichromacy



Original Color
71, 34.282, 23.582

Protanomaly
71, 14.232, 38.164

Deuteranomaly
71, 22.334, 40.781

Tritanomaly
71, 34.619, 16.666

Monochromacy



Original Color
71, 34.282, 23.582

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 12.063, 20.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.282, 23.582 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(235, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 151, 150)  
}
```

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(235, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 151, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.282, 23.582 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(235, 151, 150) }
```

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

```
.border{ border-color:rgb(235, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 151,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.282, 23.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 151, 150) }
```

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

```
.background{ background-color: rgb(235,  
151, 150) }
```

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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