

Converting Colors

CIELCh(71, 8.565, 14.208)

Have a look what the booklet for
CIELCh(71, 8.565, 14.208) contains.

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Color

CIELCh(71, 8.479, 16.431)

Conversions

Conversions Part 1

Format	Color
Hex	BFA9AA
RGB	191, 169, 170
RGB Percent	75%, 66%, 67%
CMY	0.2522, 0.3384, 0.3345
CMYK	0.00, 0.12, 0.11, 0.25
HSL	357°, 15%, 70%
HSV	357°, 12%, 75%
XYZ	42.7638, 42.1875, 43.7667
YIQ	175.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

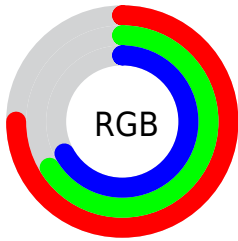
Format	Color
RYB	191, 169, 170
Decimal	12560810
CIELab	71.00, 8.13, 2.40
CIELCh	71, 8.479, 16.431
Yxy	42.1875, 0.3322, 0.3278
Android (android.graphics.Color)	4290750890 (0xFFBFA9AA)
YUV	175.6920, -2.8062, 13.4251
Hunter-Lab	64.9519, 3.8571, 5.5148

Details

The CIELCh color $71, 8.479, 16.431$ is a light color, and the websafe version is hex `999999`. A complement of this color would be $76, 7.931, 194.951$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.383, 16.407$, and $51, 8.276, 16.315$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.407, 17.418$, and if you desaturate by 10%, it is $76, 1.087, 15.262$.

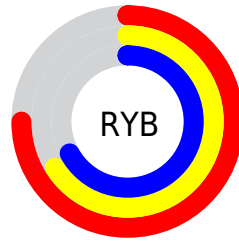
Distribution



Red (75%)

Green (66%)

Blue (67%)



Red (75%)

Yellow (66%)

Blue (67%)

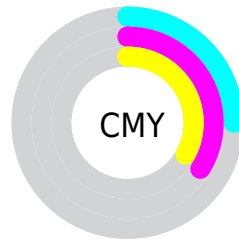


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.479, 16.431 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, 8.479, 16.431 by changing the saturation by 10% instead.

 71, 8.479, 16.431  71, 8.479, 16.431

 100, 8.479, 16.431  61, 8.479, 16.431

 91, 8.479, 16.431  51, 8.479, 16.431

 41, 8.479, 16.431

 31, 8.479, 16.431

 21, 8.479, 16.431

 11, 8.479, 16.431

 1, 8.479, 16.431

 0, 8.479, 16.431

 71, 8.479, 16.431  71, 8.479, 16.431

66, 16.407, 17.418

76, 1.087, 15.262

61, 24.863, 18.625

82, 5.785, 195.220

56, 33.775, 20.158

87, 12.177,
194.663

51, 42.998, 22.127

93, 18.136,
194.222

48, 52.304, 24.650

44, 61.392, 27.817

96, 20.898,
198.131

42, 69.910, 31.589

40, 77.328, 35.582

40, 82.112, 38.268

Harmonies

Complementary

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



71, 8.479, 16.431



76, 7.931, 194.951

Rectangle

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



71, 8.479, 16.431



71, 8.479, 66.431



71, 8.479, 196.431



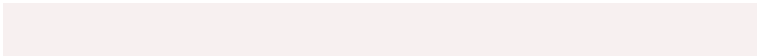
71, 8.479, 246.431

Sweetspot

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



71, 8.477, 16.443



95, 2.643, 15.609



71, 14.301, 323.672



51, 2.025, 15.718



99, 0.012, 296.813



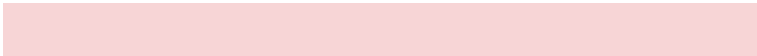
52, 0.007, 296.813

Same Dimension

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



71, 8.477, 16.443



88, 12.838, 16.689



74, 7.083, 68.458



37, 4.098, 16.248



32, 71.064, 37.817



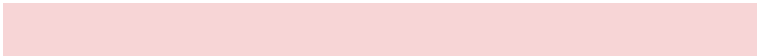
3, 12.272, 16.793

Inverse Universe

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



71, 8.477, 16.443



88, 12.838, 16.689



73, 6.825, 251.305



37, 4.098, 16.248



32, 71.064, 37.817



3, 12.272, 16.793

Previews

White Background



This preview shows how the CIELCh color 71, 8.479, 16.431 looks on a white background.

Color Contrast Check

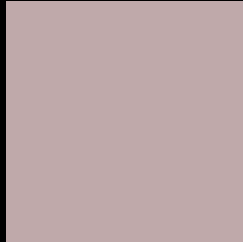
Large Text (above 18pt) WCAG AA × Fail

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, 8.479, 16.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

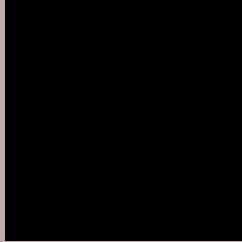
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 8.479, 16.431

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.479, 16.431.



This preview shows how white text looks on a background with the CIELCh color 71, 8.479, 16.431.

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, 8.479, 16.431

Protanopia

71, 1.599, 39.110

Deuteranopia

71, 9.301, 13.489



Tritanopia
71, 11.810, 343.635

Trichromacy



Original Color
71, 8.479, 16.431

Protanomaly
71, 4.187, 19.650

Deuteranomaly
71, 9.301, 13.489

Tritanomaly
71, 10.118, 354.840

Monochromacy



Original Color
71, 8.479, 16.431

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.029, 19.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.479, 16.431 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(191, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 170)  
}
```

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(191, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.479, 16.431 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(191, 169, 170) }
```

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

```
.border{ border-color:rgb(191, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.479, 16.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 170) }
```

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

```
.background{ background-color: rgb(191,  
169, 170) }
```

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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