

Converting Colors

CIELCh(71, 8.539, 358.123)

Have a look what the booklet for
CIELCh(71, 8.539, 358.123) contains.

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Color

CIELCh(71, 8.284, 356.911)

Conversions

Conversions Part 1

Format	Color
Hex	BDA9AF
RGB	189, 169, 175
RGB Percent	74%, 66%, 69%
CMY	0.2596, 0.3380, 0.3145
CMYK	0.00, 0.11, 0.07, 0.26
HSL	342°, 13%, 70%
HSV	342°, 11%, 74%
XYZ	42.8104, 42.1875, 46.3463
YIQ	175.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

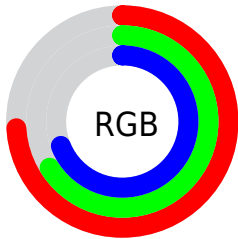
Format	Color
RYB	189, 169, 175
Decimal	12429743
CIELab	71.00, 8.27, -0.45
CIELCh	71, 8.284, 356.911
Yxy	42.1875, 0.3259, 0.3212
Android (android.graphics.Color)	4290619823 (0xFFBDA9AF)
YUV	175.6640, -0.3274, 11.6957
Hunter-Lab	64.9519, 3.9852, 3.1600

Details

The CIELCh color $71, 8.284, 356.911$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.036, 175.052$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.195, 357.709$, and $51, 8.476, 356.148$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.414, 358.042$, and if you desaturate by 10%, it is $76, 0.455, 355.016$.

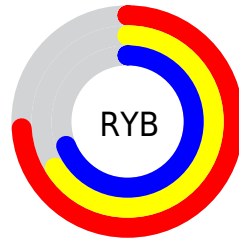
Distribution



Red (74%)

Green (66%)

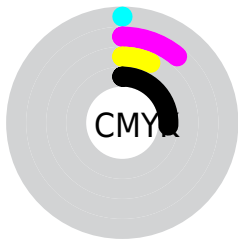
Blue (69%)



Red (74%)

Yellow (66%)

Blue (69%)

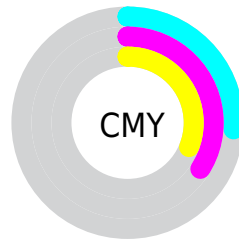


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.284, 356.911 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, 8.284, 356.911 by changing the saturation by 10% instead.

■ 71, 8.284, 356.911

■ 71, 8.284, 356.911

■ 100, 8.284,
356.911

■ 61, 8.284, 356.911

■ 91, 8.284, 356.911

■ 51, 8.284, 356.911

■ 41, 8.284, 356.911

■ 31, 8.284, 356.911

■ 21, 8.284, 356.911

■ 11, 8.284, 356.911

■ 1, 8.284, 356.911

■ 0, 8.284, 356.911

■ 71, 8.284, 356.911

■ 71, 8.284, 356.911

66, 16.414,
358.042

76, 0.455, 355.016

61, 24.771,
359.333

82, 7.033, 175.247

56, 33.206, 0.868

87, 14.176,
174.466

52, 41.487, 2.736

92, 20.987,
173.781

48, 49.293, 5.056

95, 23.361,
179.833

45, 56.250, 7.981

96, 21.505,
196.881

42, 62.030, 11.682

41, 66.518, 16.283

96, 21.450,
198.096

40, 69.993, 21.216

Harmonies

Complementary

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



71, 8.284, 356.911



75, 8.036, 175.052

Rectangle

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



71, 8.284, 356.911



71, 8.284, 46.911



71, 8.284, 176.911



71, 8.284, 226.911

Sweetspot

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



71, 8.282, 356.919



95, 2.855, 356.050



71, 12.132, 316.159



50, 2.167, 356.165



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 8.282, 356.919



88, 12.622, 357.202



72, 6.522, 39.206



37, 4.420, 356.787



33, 61.111, 20.373



3, 12.846, 2.662

Inverse Universe

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



71, 8.282, 356.919



88, 12.622, 357.202



74, 6.106, 219.869



37, 4.420, 356.787



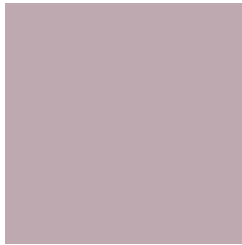
33, 61.111, 20.373



3, 12.846, 2.662

Previews

White Background



This preview shows how the CIELCh color 71, 8.284, 356.911 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, 8.284, 356.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

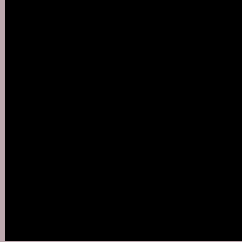
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 8.284, 356.911

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.284, 356.911.



This preview shows how white text looks on a background with the CIELCh color 71, 8.284, 356.911.

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, 8.284, 356.911

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.205, 355.766



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 8.284, 356.911

Protanomaly
71, 4.672, 344.019

Deuteranomaly
71, 9.205, 355.766

Tritanomaly
71, 10.259, 344.583

Monochromacy



Original Color
71, 8.284, 356.911

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.866, 357.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.284, 356.911 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(189, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 175)  
}
```

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(189, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.284, 356.911 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(189, 169, 175) }
```

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

```
.border{ border-color:rgb(189, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.284, 356.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 175) }
```

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

```
.background{ background-color: rgb(189,  
169, 175) }
```

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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