

Converting Colors

CIELCh(71, 8.645, 300.377)

Have a look what the booklet for
CIELCh(71, 8.645, 300.377) contains.

CIELCh(71, 8.350, 301.035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 8.350, 301.035)

Conversions

Conversions Part 1

Format	Color
Hex	B0ACBB
RGB	176, 172, 187
RGB Percent	69%, 67%, 73%
CMY	0.3108, 0.3265, 0.2677
CMYK	0.06, 0.08, 0.00, 0.27
HSL	256°, 10%, 70%
HSV	256°, 8%, 73%
XYZ	41.4948, 42.1875, 52.8266
YIQ	174.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

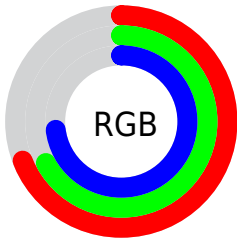
Format	Color
RYB	176, 172, 187
Decimal	11578555
CIELab	71.00, 4.30, -7.15
CIELCh	71, 8.350, 301.035
Yxy	42.1875, 0.3040, 0.3090
Android (android.graphics.Color)	4289768635 (0xFFB0ACBB)
YUV	174.9060, 5.9623, 0.9594
Hunter-Lab	64.9519, 0.3697, -2.7553

Details

The CIELCh color $71, 8.350, 301.035$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.208, 120.065$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.513, 302.642$, and $51, 8.269, 299.245$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.081, 301.732$, and if you desaturate by 10%, it is $77, 2.002, 120.441$.

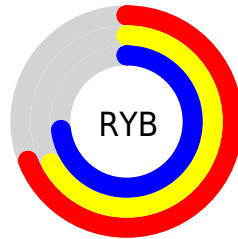
Distribution



Red (69%)

Green (67%)

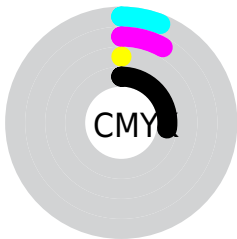
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

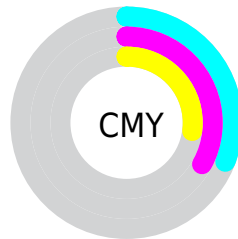


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.350, 301.035 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, 8.350, 301.035 by changing the saturation by 10% instead.

■ 71, 8.350, 301.035

■ 71, 8.350, 301.035

■ 100, 8.350,
301.035

■ 61, 8.350, 301.035

■ 91, 8.350, 301.035

■ 51, 8.350, 301.035

■ 41, 8.350, 301.035

■ 31, 8.350, 301.035

■ 21, 8.350, 301.035

■ 11, 8.350, 301.035

■ 1, 8.350, 301.035

■ 0, 8.350, 301.035

■ 71, 8.350, 301.035

■ 71, 8.350, 301.035

65, 19.081,
301.732

77, 2.002, 120.441

59, 30.201,
302.527

83, 11.984,
119.898

53, 41.687,
303.417

89, 21.618,
119.439

47, 53.466,
304.390

95, 30.925,
119.044

42, 65.361,
305.411

98, 34.599,
114.363

36, 77.001,
306.410

99, 34.321,
107.564

31, 87.709,
307.265

28, 96.440,
307.799

25, 102.287,

307.886

Harmonies

Complementary

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



71, 8.350, 301.035



75, 8.208, 120.065

Rectangle

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



71, 8.350, 301.035



71, 8.350, 351.035



71, 8.350, 121.035



71, 8.350, 171.035

Sweetspot

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



71, 8.348, 301.030



94, 2.550, 300.642



74, 4.525, 225.933



51, 1.461, 300.635



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, 8.348, 301.030



88, 12.894, 301.173



72, 9.215, 317.613



37, 5.957, 301.119



20, 91.221, 308.018



1, 17.623, 298.022

Inverse Universe

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



72, 8.233, 333.453



89, 12.689, 333.604



75, 9.157, 136.966



37, 5.867, 333.547



35, 66.161, 342.272



3, 16.560, 337.887

Previews

White Background



This preview shows how the CIELCh color 71, 8.350, 301.035 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, 8.350, 301.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

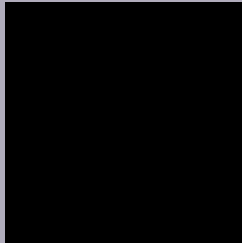
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

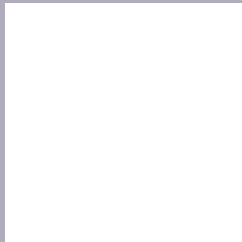
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.350, 301.035

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.350, 301.035.

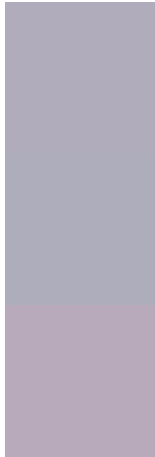


This preview shows how white text looks on a background with the CIELCh color 71, 8.350, 301.035.

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, 8.350, 301.035

Protanopia

71, 7.649, 290.937

Deuteranopia

71, 11.337, 320.213



Tritanopia
71, 7.814, 301.707

Trichromacy



Original Color
71, 8.350, 301.035

Protanomaly
71, 7.663, 293.653

Deuteranomaly
71, 10.182, 314.392

Tritanomaly
71, 7.814, 301.707

Monochromacy



Original Color
71, 8.350, 301.035

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.764, 298.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.350, 301.035 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(176, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 187)  
}
```

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(176, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.350, 301.035 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(176, 172, 187) }
```

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

```
.border{ border-color:rgb(176, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.350, 301.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 187) }
```

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

```
.background{ background-color: rgb(176,  
172, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor