

Converting Colors

CIELCh(71, 3.101, 339.430)

Have a look what the booklet for
CIELCh(71, 3.101, 339.430) contains.

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Color

CIELCh(71, 3.158, 335.796)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B2ACB0 |
| RGB | 178, 172, 176 |
| RGB Percent | 70%, 67%, 69% |
| CMY | 0.3014, 0.3249, 0.3092 |
| CMYK | 0.00, 0.03, 0.01, 0.30 |
| HSL | 320°, 4%, 69% |
| HSV | 320°, 3%, 70% |
| XYZ | 41.0290, 42.1875, 47.1348 |
| YIQ | 174.2500, 2.2920, 2.5160 |

Conversions

Conversions Part 2

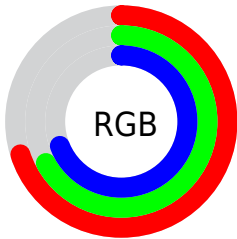
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 178, 172, 176 |
| Decimal | 11709616 |
| CIELab | 71.00, 2.88, -1.29 |
| CIELCh | 71, 3.158, 335.796 |
| Yxy | 42.1875, 0.3148, 0.3236 |
| Android (android.graphics.Color) | 4289899696 (0xFFB2ACB0) |
| YUV | 174.2500, 0.8628, 3.2887 |
| Hunter-Lab | 64.9519, -0.9103, 2.4403 |

Details

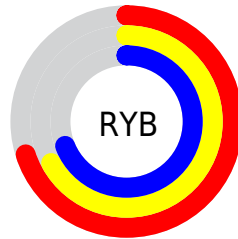
The CIELCh color $71, 3.158, 335.796$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.137, 155.543$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 3.623, 333.812$, and $51, 3.091, 330.694$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.626, 336.591$, and if you desaturate by 10%, it is $76, 6.125, 155.290$.

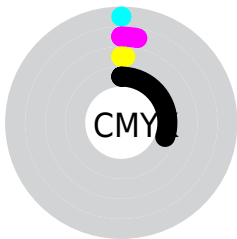
Distribution



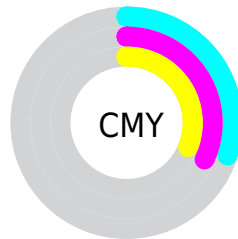
- Red (70%)
- Green (67%)
- Blue (69%)



- Red (70%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.158, 335.796 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, 3.158, 335.796 by changing the saturation by 10% instead.

■ 71, 3.158, 335.796

■ 71, 3.158, 335.796

■ 100, 3.158,
335.796

■ 61, 3.158, 335.796

■ 91, 3.158, 335.796

■ 51, 3.158, 335.796

■ 41, 3.158, 335.796

■ 31, 3.158, 335.796

■ 21, 3.158, 335.796

■ 11, 3.158, 335.796

■ 1, 3.158, 335.796

■ 0, 3.158, 335.796

■ 71, 3.158, 335.796

■ 71, 3.158, 335.796

66, 12.626,
336.591

76, 6.125, 155.290

62, 22.186,
337.365

81, 15.161,
154.633

57, 31.674,
338.192

86, 23.925,
154.038

53, 40.851,
339.090

91, 32.413,
153.483

49, 49.380,
340.082

94, 36.997,
154.263

46, 56.843,
341.204

94, 34.818,
157.727

43, 62.777,
342.504

94, 32.756,
161.618

41, 66.783,
344.056

94, 30.837,
165.989

40, 68.667,

95, 29.092,
170.890

345.948

Harmonies

Complementary

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



71, 3.158, 335.796



72, 3.137, 155.543

Rectangle

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



71, 3.158, 335.796



71, 3.158, 25.796



71, 3.158, 155.796



71, 3.158, 205.796

Sweetspot

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



71, 3.156, 335.803



91, 1.165, 335.409



71, 3.377, 303.211



49, 0.668, 335.387



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 3.156, 335.803



90, 4.650, 335.869



71, 2.336, 5.913



37, 2.661, 335.921



33, 61.942, 347.055



2, 11.878, 340.597

Inverse Universe

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



71, 3.156, 335.803



90, 4.650, 335.869



72, 2.297, 185.749



37, 2.661, 335.921



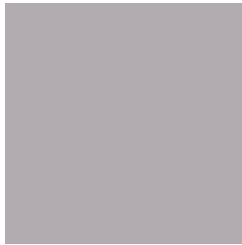
33, 61.942, 347.055



2, 11.878, 340.597

Previews

White Background



This preview shows how the CIELCh color 71, 3.158, 335.796 looks on a white background.

Color Contrast Check

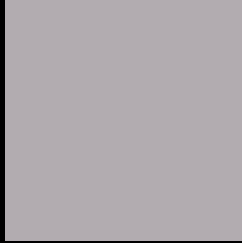
Large Text (above 18pt) WCAG AA × Fail

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, 3.158, 335.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

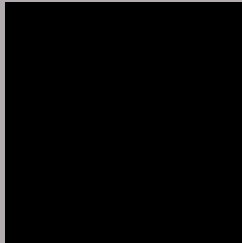
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

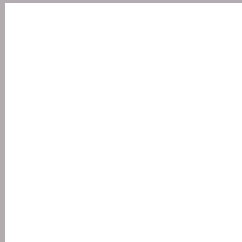
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.158, 335.796

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.158, 335.796.



This preview shows how white text looks on a background with the CIELCh color 71, 3.158, 335.796.

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, 3.158, 335.796

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 7.732, 313.265

Trichromacy



Original Color

71, 3.158, 335.796

Protanomaly

71, 2.667, 324.476

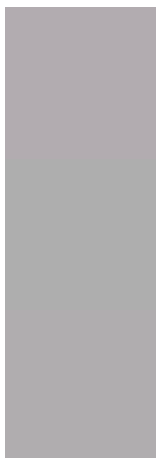
Deuteranomaly

71, 6.847, 346.116

Tritanomaly

71, 6.255, 319.020

Monochromacy



Original Color

71, 3.158, 335.796

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 1.583, 335.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.158, 335.796 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(178, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 176)  
}
```

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(178, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.158, 335.796 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(178, 172, 176) }
```

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

```
.border{ border-color:rgb(178, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.158, 335.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 176) }
```

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

```
.background{ background-color: rgb(178,  
172, 176) }
```

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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