

Converting Colors

CIELCh(71, 6.138, 356.415)

Have a look what the booklet for
CIELCh(71, 6.138, 356.415) contains.

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Color

CIELCh(71, 6.316, 354.373)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAAF
RGB	185, 170, 175
RGB Percent	73%, 67%, 69%
CMY	0.2743, 0.3331, 0.3135
CMYK	0.00, 0.08, 0.05, 0.27
HSL	340°, 10%, 70%
HSV	340°, 8%, 73%
XYZ	42.1482, 42.1875, 46.5063
YIQ	175.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

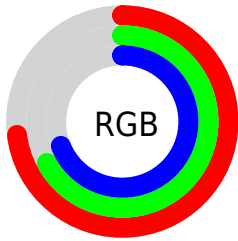
Format	Color
RYB	185, 170, 175
Decimal	12167855
CIELab	71.00, 6.29, -0.62
CIELCh	71, 6.316, 354.373
Yxy	42.1875, 0.3221, 0.3224
Android (android.graphics.Color)	4290357935 (0xFFB9AAAF)
YUV	175.0550, -0.0271, 8.7218
Hunter-Lab	64.9519, 2.1654, 3.0140

Details

The CIELCh color **71, 6.316, 354.373** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 6.183, 173.040**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.324, 355.637**, and **51, 6.380, 353.029** is the 20% darker color. If you saturate the color by 10%, you get **66, 14.359, 355.460**, and if you desaturate by 10%, it is **76, 1.441, 173.845**.

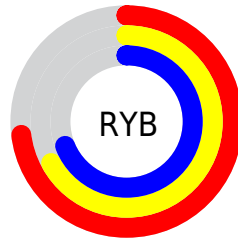
Distribution



Red (73%)

Green (67%)

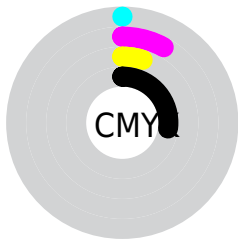
Blue (69%)



Red (73%)

Yellow (67%)

Blue (69%)

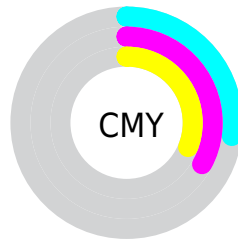


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.316, 354.373 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, 6.316, 354.373 by changing the saturation by 10% instead.

■ 71, 6.316, 354.373

■ 71, 6.316, 354.373

■ 100, 6.316,
354.373

■ 61, 6.316, 354.373

■ 91, 6.316, 354.373

■ 51, 6.316, 354.373

■ 41, 6.316, 354.373

■ 31, 6.316, 354.373

■ 21, 6.316, 354.373

■ 11, 6.316, 354.373

■ 1, 6.316, 354.373

■ 0, 6.316, 354.373

■ 71, 6.316, 354.373

■ 71, 6.316, 354.373

66, 14.359,
355.460

76, 1.441, 173.845

61, 22.620,
356.674

81, 8.876, 172.778

56, 30.964,
358.097

87, 15.985,
172.027

52, 39.174,
359.807

92, 22.780,
171.358

48, 46.942, 1.909

95, 25.356,
176.056

45, 53.894, 4.542

95, 23.090,
190.382

42, 59.667, 7.877

96, 22.543,
198.028

40, 64.058, 12.072

39, 67.303, 17.108

Harmonies

Complementary

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



71, 6.316, 354.373



74, 6.183, 173.040

Rectangle

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



71, 6.316, 354.373



71, 6.316, 44.373



71, 6.316, 174.373



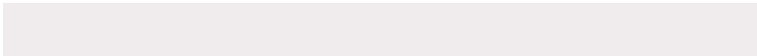
71, 6.316, 224.373

Sweetspot

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



71, 6.314, 354.382



93, 1.904, 353.604



71, 9.034, 314.983



50, 1.082, 353.579



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 6.314, 354.382



88, 9.651, 354.599



72, 4.962, 35.551



36, 4.396, 354.512



32, 59.555, 17.239



2, 11.334, 359.983

Inverse Universe

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



71, 6.314, 354.382



88, 9.651, 354.599



73, 4.717, 215.889



36, 4.396, 354.512



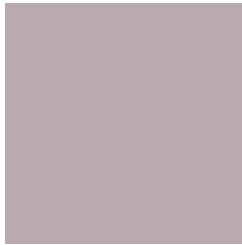
32, 59.555, 17.239



2, 11.334, 359.983

Previews

White Background



This preview shows how the CIELCh color 71, 6.316, 354.373 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, 6.316, 354.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

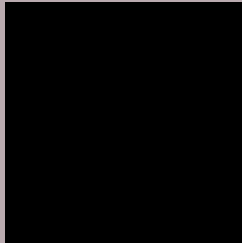
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

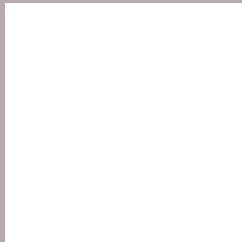
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.316, 354.373

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.316, 354.373.



This preview shows how white text looks on a background with the CIELCh color 71, 6.316, 354.373.

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, 6.316, 354.373

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.205, 355.766



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 6.316, 354.373

Protanomaly
71, 3.439, 340.187

Deuteranomaly
71, 7.933, 355.772

Tritanomaly
71, 8.432, 339.836

Monochromacy



Original Color
71, 6.316, 354.373

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.521, 353.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.316, 354.373 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(185, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 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(185, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.316, 354.373 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(185, 170, 175) }
```

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

```
.border{ border-color:rgb(185, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.316, 354.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 175) }
```

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

```
.background{ background-color: rgb(185,  
170, 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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