

Converting Colors

CIELCh(71, 8.153, 106.638)

Have a look what the booklet for
CIELCh(71, 8.153, 106.638) contains.

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Color

CIELCh(71, 8.153, 106.638)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFA0
RGB	176, 175, 160
RGB Percent	69%, 69%, 63%
CMY	0.3116, 0.3155, 0.3743
CMYK	0.00, 0.01, 0.09, 0.31
HSL	56°, 9%, 66%
HSV	56°, 9%, 69%
XYZ	39.3538, 42.1875, 39.1257
YIQ	173.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

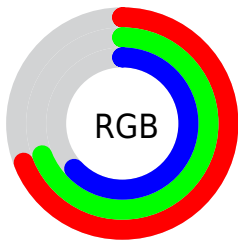
Format	Color
RYB	161, 176, 160
Decimal	11579296
CIELab	71.00, -2.33, 7.81
CIELCh	71, 8.153, 106.638
Yxy	42.1875, 0.3261, 0.3496
Android (android.graphics.Color)	4289769376 (0xFFB0AFA0)
YUV	173.5890, -6.6994, 2.1144
Hunter-Lab	64.9519, -5.5143, 9.7513

Details

The CIELCh color **71, 8.153, 106.638** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 8.308, 288.536**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.769, 104.142**, and **51, 8.108, 109.126** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.094, 105.640**, and if you desaturate by 10%, it is **72, 0.807, 287.752**.

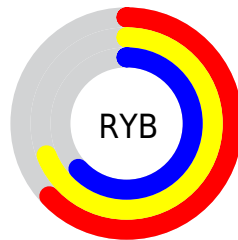
Distribution



Red (69%)

Green (69%)

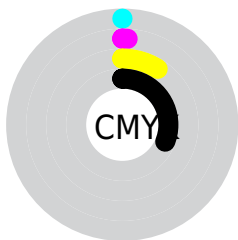
Blue (63%)



Red (63%)

Yellow (69%)

Blue (63%)

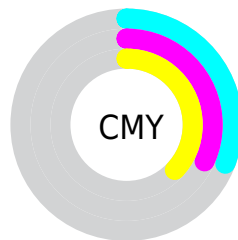


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.153, 106.638 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, 8.153, 106.638 by changing the saturation by 10% instead.

■ 71, 8.153, 106.638

■ 71, 8.153, 106.638

■ 100, 8.153,
106.638

■ 61, 8.153, 106.638

■ 91, 8.153, 106.638

■ 51, 8.153, 106.638

■ 41, 8.153, 106.638

■ 31, 8.153, 106.638

■ 21, 8.153, 106.638

■ 11, 8.153, 106.638

■ 1, 8.153, 106.638

■ 0, 8.153, 106.638

■ 71, 8.153, 106.638

■ 71, 8.153, 106.638

70, 17.094,
105.640

72, 0.807, 287.752

70, 25.956,
104.621

73, 9.757, 288.625

69, 34.654,
103.606

73, 18.675,
289.552

69, 43.050,
102.615

74, 27.544,
290.443

68, 50.925,
101.669

75, 36.357,
291.293

68, 57.953,
100.793

76, 39.834,
291.322

67, 63.693,
100.014

76, 39.219,
290.726

67, 67.669, 99.354

76, 38.608,
290.113

67, 69.849, 98.801

77, 38.002,
289.481

Harmonies

Complementary

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



71, 8.153, 106.638



66, 8.308, 288.536

Rectangle

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



71, 8.153, 106.638



71, 8.153, 156.638



71, 8.153, 286.638



71, 8.153, 336.638

Sweetspot

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



71, 8.155, 106.648



90, 3.303, 107.233



67, 6.216, 14.497



48, 2.525, 107.160



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 8.155, 106.648



89, 12.135, 106.441



71, 9.118, 126.293



36, 5.017, 106.630



58, 62.536, 98.806



7, 10.336, 106.272

Inverse Universe

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



66, 8.308, 288.536



82, 12.408, 288.774



67, 9.254, 307.130



34, 5.113, 288.557



18, 87.210, 305.332



1, 10.773, 288.071

Previews

White Background



This preview shows how the CIELCh color 71, 8.153, 106.638 looks on a white background.

Color Contrast Check

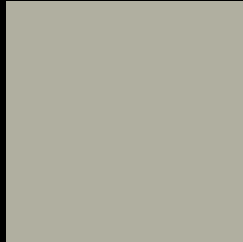
Large Text (above 18pt) WCAG AA × Fail

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, 8.153, 106.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

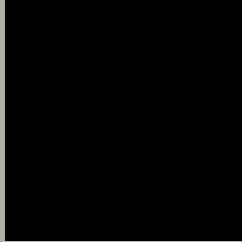
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

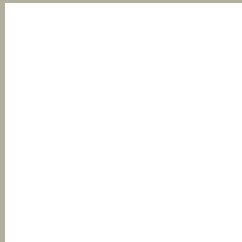
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.153, 106.638

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.153, 106.638.



This preview shows how white text looks on a background with the CIELCh color 71, 8.153, 106.638.

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, 8.153, 106.638

Protanopia

71, 8.076, 89.663

Deuteranopia

71, 11.302, 39.804



Tritanopia
71, 7.732, 313.265

Trichromacy



Original Color
71, 8.153, 106.638

Protanomaly
71, 8.290, 98.540

Deuteranomaly
71, 8.916, 57.315

Tritanomaly
71, 2.806, 343.790

Monochromacy



Original Color
71, 8.153, 106.638

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.260, 109.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.153, 106.638 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, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 160)  
}
```

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, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.153, 106.638 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, 175, 160) }
```

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

```
.border{ border-color:rgb(176, 175, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.153, 106.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 160) }
```

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

```
.background{ background-color: rgb(176,  
175, 160) }
```

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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