

Converting Colors

CIELCh(71, 1.809, 61.048)

Have a look what the booklet for
CIELCh(71, 1.809, 61.048) contains.

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Color

CIELCh(71, 1.852, 55.193)

Conversions

Conversions Part 1

Format	Color
Hex	B1ADAB
RGB	177, 173, 171
RGB Percent	69%, 68%, 67%
CMY	0.3058, 0.3215, 0.3293
CMYK	0.00, 0.02, 0.03, 0.31
HSL	20°, 4%, 68%
HSV	20°, 3%, 69%
XYZ	40.4380, 42.1875, 44.5521
YIQ	173.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

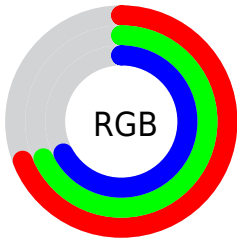
Format	Color
RYB	177, 174, 171
Decimal	11644331
CIELab	71.00, 1.06, 1.52
CIELCh	71, 1.852, 55.193
Yxy	42.1875, 0.3180, 0.3317
Android (android.graphics.Color)	4289834411 (0xFFB1ADAB)
YUV	173.9680, -1.4632, 2.6591
Hunter-Lab	64.9519, -2.5346, 4.7979

Details

The CIELCh color **71, 1.852, 55.193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 1.830, 236.281**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 2.059, 49.331**, and **51, 1.669, 63.318** is the 20% darker color. If you saturate the color by 10%, you get **67, 7.588, 54.670**, and if you desaturate by 10%, it is **75, 3.508, 236.421**.

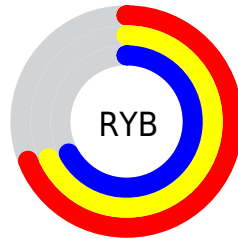
Distribution



Red (69%)

Green (68%)

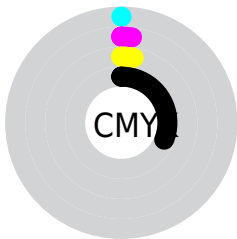
Blue (67%)



Red (69%)

Yellow (68%)

Blue (67%)

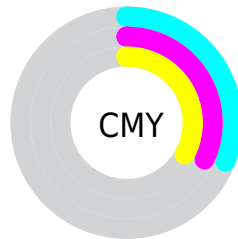


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.852, 55.193 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, 1.852, 55.193 by changing the saturation by 10% instead.

■ 71, 1.852, 55.193

■ 71, 1.852, 55.193

■ 100, 1.852, 55.193

■ 61, 1.852, 55.193

■ 91, 1.852, 55.193

■ 51, 1.852, 55.193

■ 41, 1.852, 55.193

■ 31, 1.852, 55.193

■ 21, 1.852, 55.193

■ 11, 1.852, 55.193

■ 1, 1.852, 55.193

■ 0, 1.852, 55.193

■ 71, 1.852, 55.193

■ 71, 1.852, 55.193

67, 7.588, 54.670

75, 3.508, 236.421

64, 13.741, 53.972

78, 8.535, 237.157

61, 20.348, 53.321

82, 13.267,
237.953

57, 27.434, 52.744

86, 17.741,
238.753

54, 34.997, 52.255

51, 42.979, 51.847

89, 20.760,
233.978

48, 51.209, 51.469

92, 21.790,
213.693

46, 59.282, 50.965

43, 66.360, 49.978

95, 24.824,
197.887

Harmonies

Complementary

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



71, 1.852, 55.193



71, 1.830, 236.281

Rectangle

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



71, 1.852, 55.193



71, 1.852, 105.193



71, 1.852, 235.193



71, 1.852, 285.193

Sweetspot

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



71, 1.852, 55.257



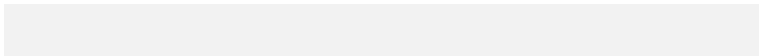
91, 0.666, 54.874



71, 3.161, 335.797



48, 0.378, 54.831



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, 1.852, 55.257



89, 2.707, 55.245



72, 2.731, 101.923



37, 1.566, 55.224



36, 63.059, 49.686



4, 7.572, 46.361

Inverse Universe

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



71, 1.830, 236.281



90, 2.664, 236.299



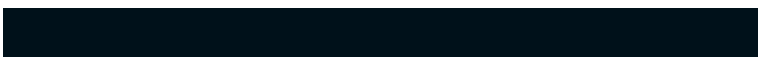
70, 2.759, 282.751



37, 1.535, 236.325



41, 35.116, 261.334



4, 7.726, 248.778

Previews

White Background



This preview shows how the CIELCh color 71, 1.852, 55.193 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 CIELCh color 71, 1.852, 55.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

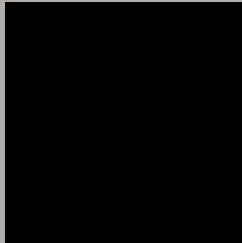
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

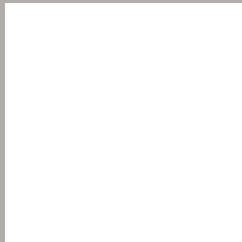
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.852, 55.193

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.852, 55.193.



This preview shows how white text looks on a background with the CIELCh color 71, 1.852, 55.193.

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, 1.852, 55.193

Protanopia

71, 1.852, 55.193

Deuteranopia

71, 9.076, 6.329



Tritanopia
71, 7.732, 313.265

Trichromacy



Original Color

71, 1.852, 55.193

Protanomaly

71, 1.852, 55.193

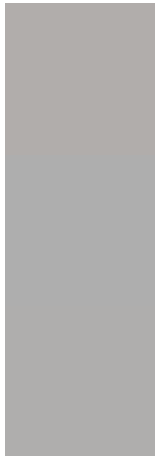
Deuteranomaly

71, 6.203, 9.786

Tritanomaly

71, 4.457, 320.624

Monochromacy



Original Color

71, 1.852, 55.193

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 0.652, 74.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.852, 55.193 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(177, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 171)  
}
```

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(177, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.852, 55.193 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(177, 173, 171) }
```

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

```
.border{ border-color:rgb(177, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.852, 55.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 171) }
```

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

```
.background{ background-color: rgb(177,  
173, 171) }
```

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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