

Converting Colors

CIELCh(70, 5.835, 351.049)

Have a look what the booklet for
CIELCh(70, 5.835, 351.049) contains.

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Color

CIELCh(70, 5.651, 350.941)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8AD
RGB	181, 168, 173
RGB Percent	71%, 66%, 68%
CMY	0.2909, 0.3419, 0.3223
CMYK	0.00, 0.07, 0.04, 0.29
HSL	337°, 8%, 68%
HSV	337°, 7%, 71%
XYZ	40.5068, 40.7494, 45.1727
YIQ	172.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

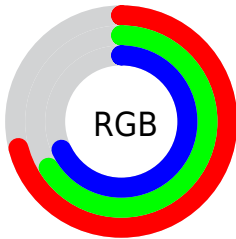
Format	Color
R _Y B	181, 168, 173
Decimal	11905197
CIE Lab	70.00, 5.58, -0.89
CIE LCh	70, 5.651, 350.941
Yxy	40.7494, 0.3204, 0.3223
Android (android.graphics.Color)	4290095277 (0xFFB5A8AD)
YUV	172.4570, 0.2677, 7.4922
Hunter-Lab	63.8353, 1.5558, 2.7284

Details

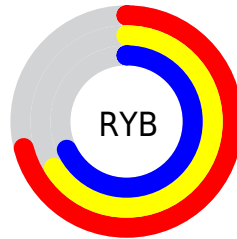
The CIELCh color $70, 5.651, 350.941$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 5.560, 169.819$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.682, 352.576$, and $50, 5.684, 349.152$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.721, 351.984$, and if you desaturate by 10%, it is $75, 2.164, 170.336$.

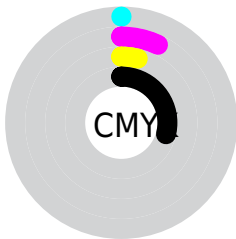
Distribution



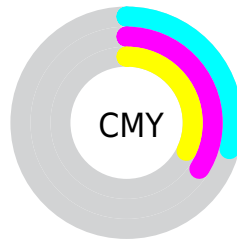
- Red (71%)
- Green (66%)
- Blue (68%)



- Red (71%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.651, 350.941 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 70, 5.651, 350.941 by changing the saturation by 10% instead.

70, 5.651, 350.941

70, 5.651, 350.941

100, 5.651,
350.941

60, 5.651, 350.941

90, 5.651, 350.941

50, 5.651, 350.941

40, 5.651, 350.941

30, 5.651, 350.941

20, 5.651, 350.941

10, 5.651, 350.941

0, 5.651, 350.941

70, 5.651, 350.941

70, 5.651, 350.941

65, 13.721,

75, 2.164, 170.336

351.984

80, 9.683, 169.398

60, 21.975,
353.129

85, 16.898,
168.665

56, 30.273,
354.453

90, 23.817,
168.006

51, 38.398,
356.023

95, 28.707,
169.201

48, 46.038,
357.931

95, 25.915,
179.923

44, 52.812, 0.301

95, 24.123,
192.658

42, 58.331, 3.292

95, 23.756,
197.953

40, 62.346, 7.078

39, 64.987, 11.734

Harmonies

Complementary

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



70, 5.651, 350.941



72, 5.560, 169.819

Rectangle

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



70, 5.651, 350.941



70, 5.651, 40.941



70, 5.651, 170.941



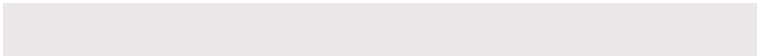
70, 5.651, 220.941

Sweetspot

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



70, 5.649, 350.950



92, 1.930, 350.297



70, 7.726, 312.761



49, 1.096, 350.272



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.649, 350.950



87, 8.770, 351.151



70, 4.527, 28.670



35, 4.420, 351.167



32, 57.992, 12.313



2, 10.022, 356.171

Inverse Universe

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



70, 5.649, 350.950



87, 8.770, 351.151



72, 4.326, 208.595



35, 4.420, 351.167



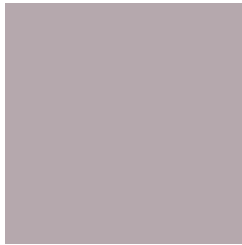
32, 57.992, 12.313



2, 10.022, 356.171

Previews

White Background



This preview shows how the CIELCh color 70, 5.651, 350.941 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 70, 5.651, 350.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

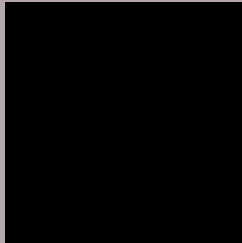
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 5.651, 350.941

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.651, 350.941.



This preview shows how white text looks on a background with the CIELCh color 70, 5.651, 350.941.

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


70, 5.651, 350.941

Protanopia

70, 2.481, 317.320

Deuteranopia

70, 8.876, 354.702



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 5.651, 350.941

Protanomaly
70, 3.822, 333.897

Deuteranomaly
70, 7.602, 354.544

Tritanomaly
70, 7.891, 336.197

Monochromacy



Original Color
70, 5.651, 350.941

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.194, 349.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.651, 350.941 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(181, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 173)  
}
```

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(181, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.651, 350.941 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(181, 168, 173) }
```

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

```
.border{ border-color:rgb(181, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.651, 350.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 173) }
```

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

```
.background{ background-color: rgb(181,  
168, 173) }
```

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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