

Converting Colors

CIELCh(73, 5.789, 353.180)

Have a look what the booklet for
CIELCh(73, 5.789, 353.180) contains.

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Color

CIELCh(73, 5.603, 350.912)

Conversions

Conversions Part 1

Format	Color
Hex	BDB0B5
RGB	189, 176, 181
RGB Percent	74%, 69%, 71%
CMY	0.2591, 0.3101, 0.2905
CMYK	0.00, 0.07, 0.04, 0.26
HSL	337°, 9%, 72%
HSV	337°, 7%, 74%
XYZ	44.8116, 45.1644, 50.0321
YIQ	180.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

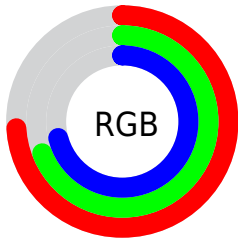
Format	Color
RYB	189, 176, 181
Decimal	12431541
CIELab	73.00, 5.53, -0.89
CIELCh	73, 5.603, 350.912
Yxy	45.1644, 0.3201, 0.3226
Android (android.graphics.Color)	4290621621 (0xFFBDB0B5)
YUV	180.4570, 0.2677, 7.4922
Hunter-Lab	67.2044, 1.4152, 2.9031

Details

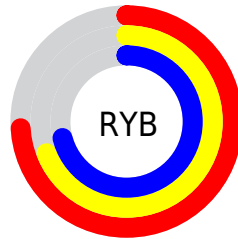
The CIELCh color $73, 5.603, 350.912$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.516, 169.849$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.324, 350.753$, and $53, 5.352, 354.425$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.960, 351.958$, and if you desaturate by 10%, it is $78, 2.487, 170.292$.

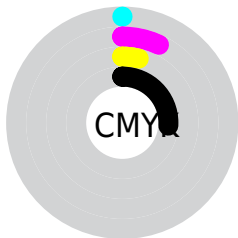
Distribution



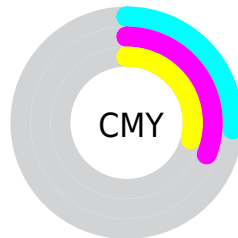
- Red (74%)
- Green (69%)
- Blue (71%)



- Red (74%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.603, 350.912 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 73, 5.603, 350.912 by changing the saturation by 10% instead.

■ 73, 5.603, 350.912

■ 73, 5.603, 350.912

■ 100, 5.603,
350.912

■ 63, 5.603, 350.912

■ 93, 5.603, 350.912

■ 53, 5.603, 350.912

■ 43, 5.603, 350.912

■ 33, 5.603, 350.912

■ 23, 5.603, 350.912

■ 13, 5.603, 350.912

■ 3, 5.603, 350.912

■ 0, 5.603, 350.912

■ 73, 5.603, 350.912

■ 73, 5.603, 350.912

68, 13.960,
351.958

78, 2.487, 170.292

63, 22.511,
353.102

84, 10.269,
169.372

58, 31.112,
354.426

89, 17.735,
168.640

54, 39.537,
355.996

94, 24.894,
167.981

50, 47.466,
357.905

95, 23.721,
177.692

46, 54.498, 0.276

96, 21.770,
192.213

44, 60.231, 3.271

96, 21.416,
198.099

42, 64.400, 7.063

40, 67.115, 11.748

Harmonies

Complementary

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



73, 5.603, 350.912



75, 5.516, 169.849

Rectangle

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



73, 5.603, 350.912



73, 5.603, 40.912



73, 5.603, 170.912



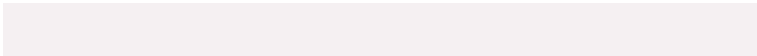
73, 5.603, 220.912

Sweetspot

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



73, 5.601, 350.921



95, 1.997, 350.299



73, 7.661, 312.748



51, 1.135, 350.275



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 5.601, 350.921



91, 8.056, 351.050



73, 4.486, 28.657



37, 4.629, 351.176



33, 59.424, 12.475



3, 13.211, 358.197

Inverse Universe

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



73, 5.601, 350.921



91, 8.056, 351.050



75, 4.295, 208.604



37, 4.629, 351.176



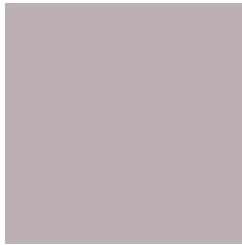
33, 59.424, 12.475



3, 13.211, 358.197

Previews

White Background



This preview shows how the CIELCh color 73, 5.603, 350.912 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 73, 5.603, 350.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

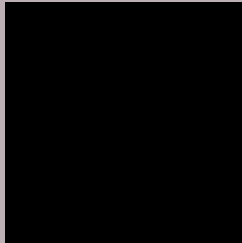
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

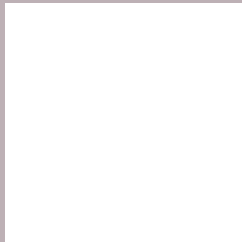
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.603, 350.912

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.603, 350.912.



This preview shows how white text looks on a background with the CIELCh color 73, 5.603, 350.912.

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


73, 5.603, 350.912

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 8.800, 354.657



Tritanopia
73, 9.025, 328.737

Trichromacy



Original Color
73, 5.603, 350.912

Protanomaly
73, 3.791, 333.883

Deuteranomaly
73, 7.537, 354.504

Tritanomaly
73, 7.826, 336.173

Monochromacy



Original Color
73, 5.603, 350.912

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.600, 359.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.603, 350.912 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(189, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 181)  
}
```

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(189, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.603, 350.912 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(189, 176, 181) }
```

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

```
.border{ border-color:rgb(189, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.603, 350.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 181) }
```

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

```
.background{ background-color: rgb(189,  
176, 181) }
```

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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