

Converting Colors

CIELCh(51, 35.683, 9.107)

Have a look what the booklet for
CIELCh(51, 35.683, 9.107) contains.

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Color

CIELCh(51, 35.349, 9.581)

Conversions

Conversions Part 1

Format	Color
Hex	B36171
RGB	179, 97, 113
RGB Percent	70%, 38%, 44%
CMY	0.2988, 0.6202, 0.5575
CMYK	0.00, 0.46, 0.37, 0.30
HSL	348°, 35%, 54%
HSV	348°, 46%, 70%
XYZ	25.7781, 19.2686, 17.9350
YIQ	123.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

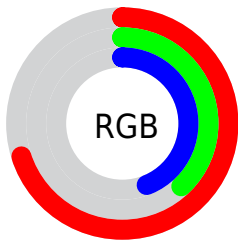
Format	Color
R_{YB}	179, 97, 113
Decimal	11755889
CIE _{Lab}	51.00, 34.86, 5.88
CIE _{LCh}	51, 35.349, 9.581
Yxy	19.2686, 0.4093, 0.3059
Android (android.graphics.Color)	4289945969 (0xFFB36171)
YUV	123.3420, -5.0986, 48.8121
Hunter-Lab	43.8960, 28.0068, 6.5025

Details

The CIELCh color **51, 35.349, 9.581** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 28.979, 179.212**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 35.517, 9.126**, and **31, 35.307, 9.642** is the 20% darker color. If you saturate the color by 10%, you get **47, 43.379, 11.819**, and if you desaturate by 10%, it is **55, 27.220, 7.794**.

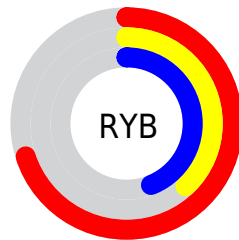
Distribution



Red (70%)

Green (38%)

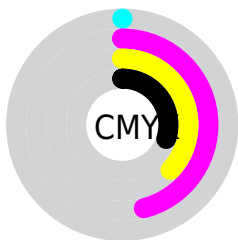
Blue (44%)



Red (70%)

Yellow (38%)

Blue (44%)

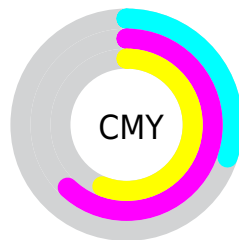


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (30%)



Cyan (30%)


Magenta (62%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 35.349, 9.581 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 51, 35.349, 9.581 by changing the saturation by 10% instead.

 51, 35.349, 9.581  51, 35.349, 9.581

 100, 35.349, 9.581  41, 35.349, 9.581

 71, 35.349, 9.581  31, 35.349, 9.581

 81, 35.349, 9.581  21, 35.349, 9.581

 91, 35.349, 9.581  11, 35.349, 9.581

 1, 35.349, 9.581

 0, 35.349, 9.581

 51, 35.349, 9.581  51, 35.349, 9.581

 47, 43.379, 11.819  55, 27.220, 7.794

 44, 51.024, 14.641  60, 19.224, 6.335

41, 57.981, 18.197

65, 11.503, 5.117

39, 64.046, 22.571

70, 4.134, 4.032

38, 69.225, 27.642

75, 2.853, 183.442

37, 71.339, 29.673

80, 9.460, 182.572

85, 15.704,
181.887

91, 21.612,
181.287

95, 25.931,
183.205

Harmonies

Complementary

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



51, 35.349, 9.581



68, 28.979, 179.212

Rectangle

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



51, 35.349, 9.581



51, 35.349, 59.581



51, 35.349, 189.581



51, 35.349, 239.581

Sweetspot

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



51, 35.347, 9.584



83, 12.511, 4.938



51, 51.963, 320.762



43, 8.755, 5.177



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



51, 35.347, 9.584



61, 52.805, 11.841



56, 29.774, 49.185



35, 4.037, 4.408



31, 63.188, 28.939



2, 9.400, 7.077

Inverse Universe

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



51, 35.347, 9.584



61, 52.805, 11.841



61, 22.223, 237.075



35, 4.037, 4.408



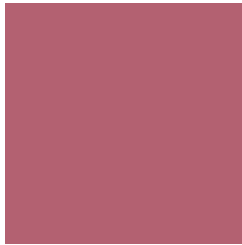
31, 63.188, 28.939



2, 9.400, 7.077

Previews

White Background



This preview shows how the CIELCh color 51, 35.349, 9.581 looks on a white background.

Color Contrast Check

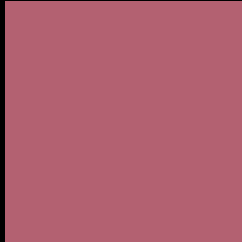
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 35.349, 9.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

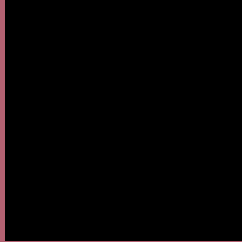
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 35.349, 9.581

Background



This preview shows how black text looks on a background with the CIELCh color 51, 35.349, 9.581.



This preview shows how white text looks on a background with the CIELCh color 51, 35.349, 9.581.

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

51, 35.349, 9.581

Protanopia

51, 3.034, 305.668

Deuteranopia

51, 10.002, 51.449



Tritanopia
51, 34.605, 17.578

Trichromacy



Original Color
51, 35.349, 9.581

Protanomaly
50, 13.736, 358.789

Deuteranomaly
51, 18.375, 21.607

Tritanomaly
51, 34.474, 14.738

Monochromacy



Original Color
51, 35.349, 9.581

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 12.860, 5.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 35.349, 9.581 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(179, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(179, 97, 113)  
}
```

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(179, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 97, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 35.349, 9.581 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(179, 97, 113) }
```

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

```
.border{ border-color:rgb(179, 97, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 97, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(179, 97,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 35.349, 9.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 97, 113) }
```

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

```
.background{ background-color: rgb(179, 97,  
113) }
```

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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