

Converting Colors

CIELCh(56, 51.783, 350.245)

Have a look what the booklet for
CIELCh(56, 51.783, 350.245)
contains.

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Color

CIELCh(56, 51.803, 350.286)

Conversions

Conversions Part 1

Format	Color
Hex	D15F97
RGB	209, 95, 151
RGB Percent	82%, 37%, 59%
CMY	0.1811, 0.6281, 0.4085
CMYK	0.00, 0.55, 0.28, 0.18
HSL	331°, 55%, 60%
HSV	331°, 55%, 82%
XYZ	35.8931, 23.9124, 31.9327
YIQ	135.4700, 49.9680, 41.5840

Conversions

Conversions Part 2

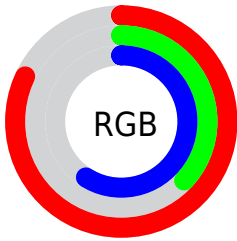
Format	Color
R _Y B	209, 95, 151
Decimal	13721495
CIE Lab	56.00, 51.06, -8.74
CIE LCh	56, 51.803, 350.286
Yxy	23.9124, 0.3913, 0.2607
Android (android.graphics.Color)	4291911575 (0xFFD15F97)
YUV	135.4700, 7.6563, 64.4858
Hunter-Lab	48.9003, 45.4444, -4.4871

Details

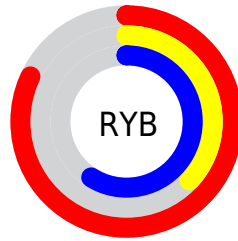
The CIELCh color **56, 51.803, 350.286** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **76, 48.854, 158.171**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 48.152, 346.240**, and **36, 51.576, 350.283** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.576, 352.135**, and if you desaturate by 10%, it is **60, 42.932, 348.762**.

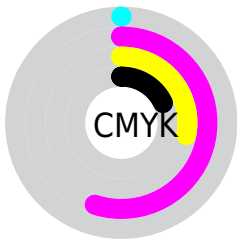
Distribution



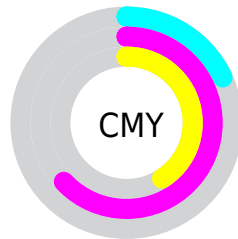
- Red (82%)
- Green (37%)
- Blue (59%)



- Red (82%)
- Yellow (37%)
- Blue (59%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 51.803, 350.286 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 56, 51.803, 350.286 by changing the saturation by 10% instead.


 56, 51.803,
350.286


 56, 51.803,
350.286


 100, 51.803,
350.286


 46, 51.803,
350.286


 76, 51.803,
350.286

 36, 51.803,
350.286

 86, 51.803,
350.286

 26, 51.803,
350.286

 96, 51.803,
350.286

 16, 51.803,
350.286

 6, 51.803, 350.286

 0, 51.803, 350.286

56, 51.803,
350.286

56, 51.803,
350.286

52, 59.576,
352.135

60, 42.932,
348.762

49, 65.762,
354.431

65, 33.436,
347.470

47, 69.964,
357.329

70, 23.680,
346.349

45, 72.104, 0.992

76, 13.921,
345.351

45, 72.765, 3.227

81, 4.323, 344.402

87, 5.018, 163.784

93, 14.054,
163.000

96, 18.845,
166.821

■ 97, 16.312,
182.777

Harmonies

Complementary

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



56, 51.803, 350.286



76, 48.854, 158.171

Rectangle

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



56, 51.803, 350.286



56, 51.803, 40.286



56, 51.803, 170.286



56, 51.803, 220.286

Sweetspot

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



56, 51.800, 350.287



90, 17.993, 345.504



51, 67.608, 311.835



46, 12.174, 345.707



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 51.800, 350.287



63, 70.209, 352.377



55, 50.192, 26.138



41, 5.390, 344.866



36, 62.034, 2.496



5, 21.726, 354.505

Inverse Universe

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



56, 51.800, 350.287



63, 70.209, 352.377



78, 33.536, 197.032



41, 5.390, 344.866



36, 62.034, 2.496



5, 21.726, 354.505

Previews

White Background



This preview shows how the CIELCh color 56, 51.803, 350.286 looks on a white background.

Color Contrast Check

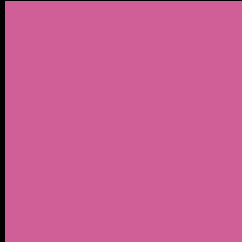
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 51.803, 350.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

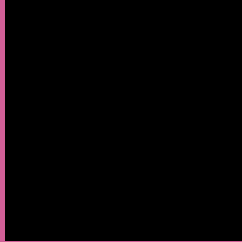
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 51.803, 350.286

Background



This preview shows how black text looks on a background with the CIELCh color 56, 51.803, 350.286.

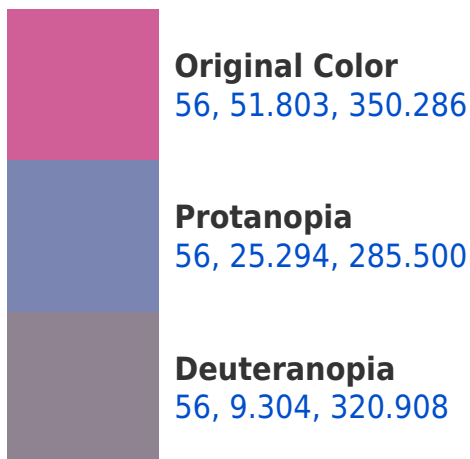


This preview shows how white text looks on a background with the CIELCh color 56, 51.803, 350.286.

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](#).

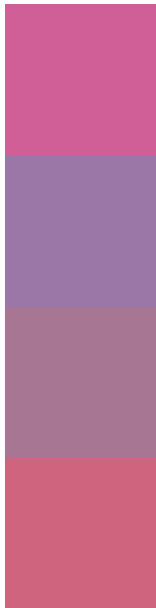
Dichromacy





Tritanopia
56, 43.534, 19.343

Trichromacy



Original Color
56, 51.803, 350.286

Protanomaly
55, 30.444, 317.862

Deuteranomaly
55, 25.160, 341.397

Tritanomaly
56, 44.850, 7.790

Monochromacy



Original Color
56, 51.803, 350.286

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.431, 345.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 51.803, 350.286 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(209, 95, 151)` looks like.

```
.text, #text, p{  
    color:rgb(209, 95, 151)  
}
```

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(209, 95, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 95, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 51.803, 350.286 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(209, 95, 151) }
```

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

```
.border{ border-color:rgb(209, 95, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 95, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 95, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 95, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 95,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 51.803, 350.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 95, 151) }
```

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

```
.background{ background-color: rgb(209, 95,  
151) }
```

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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