

Converting Colors

CIELCh(56, 57.316, 349.510)

Have a look what the booklet for
CIELCh(56, 57.316, 349.510)
contains.

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Color

CIELCh(56, 57.061, 349.420)

Conversions

Conversions Part 1

Format	Color
Hex	D7599A
RGB	215, 89, 154
RGB Percent	84%, 35%, 60%
CMY	0.1570, 0.6511, 0.3962
CMYK	0.00, 0.59, 0.28, 0.16
HSL	329°, 61%, 60%
HSV	329°, 59%, 84%
XYZ	37.4130, 23.9124, 33.2008
YIQ	134.0840, 54.2310, 46.9270

Conversions

Conversions Part 2

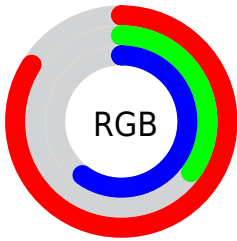
Format	Color
R _Y B	215, 89, 154
Decimal	14113178
CIE Lab	56.00, 56.09, -10.48
CIE LCh	56, 57.061, 349.420
Yxy	23.9124, 0.3958, 0.2530
Android (android.graphics.Color)	4292303258 (0xFFD7599A)
YUV	134.0840, 9.8186, 70.9633
Hunter-Lab	48.9003, 50.9923, -6.0246

Details

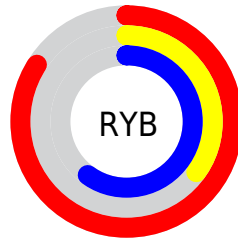
The CIELCh color **56, 57.061, 349.420** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **78, 54.357, 156.288**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 51.781, 343.783**, and **36, 57.241, 349.453** is the 20% darker color. If you saturate the color by 10%, you get **52, 64.409, 351.324**, and if you desaturate by 10%, it is **60, 48.330, 347.858**.

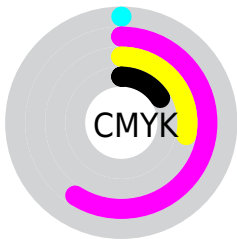
Distribution



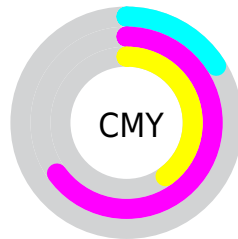
- Red (84%)
- Green (35%)
- Blue (60%)



- Red (84%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (65%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 57.061, 349.420 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, 57.061, 349.420 by changing the saturation by 10% instead.


 56, 57.061,
349.420


 56, 57.061,
349.420


 100, 57.061,
349.420


 46, 57.061,
349.420


 76, 57.061,
349.420

 36, 57.061,
349.420

 86, 57.061,
349.420

 26, 57.061,
349.420

 96, 57.061,
349.420

 16, 57.061,
349.420

 6, 57.061, 349.420

 0, 57.061, 349.420

56, 57.061,
349.420

56, 57.061,
349.420

52, 64.409,
351.324

60, 48.330,
347.858

50, 69.884,
353.696

65, 38.736,
346.539

48, 73.175,
356.693

70, 28.706,
345.398

47, 74.495, 0.415

75, 18.556,
344.388

46, 74.643, 0.956

81, 8.496, 343.463

87, 1.344, 163.014

93, 10.894,
161.995

97, 16.698,
165.391

■ 97, 14.194,
183.108

Harmonies

Complementary

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



56, 57.061, 349.420



78, 54.357, 156.288

Rectangle

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



56, 57.061, 349.420



56, 57.061, 39.420



56, 57.061, 169.420



56, 57.061, 219.420

Sweetspot

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



56, 57.058, 349.421



88, 20.607, 344.346



50, 74.231, 311.540



45, 14.354, 344.631



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, 57.058, 349.421



61, 74.750, 351.771



54, 55.319, 25.999



42, 5.589, 343.537



37, 62.997, 0.240



5, 23.695, 353.192

Inverse Universe

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



56, 57.058, 349.421



61, 74.750, 351.771



79, 36.210, 195.098



42, 5.589, 343.537



37, 62.997, 0.240



5, 23.695, 353.192

Previews

White Background



This preview shows how the CIELCh color 56, 57.061, 349.420 looks on a white background.

Color Contrast Check

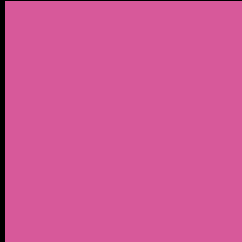
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 57.061, 349.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

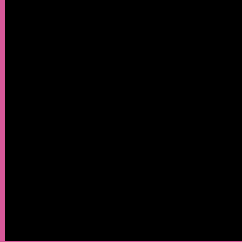
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 57.061, 349.420

Background



This preview shows how black text looks on a background with the CIELCh color 56, 57.061, 349.420.

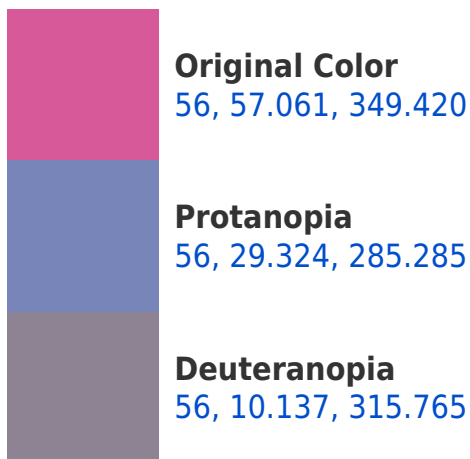


This preview shows how white text looks on a background with the CIELCh color 56, 57.061, 349.420.

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](#).

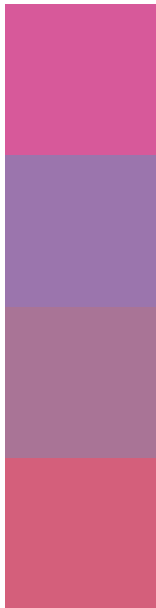
Dichromacy





Tritanopia
56, 48.052, 21.305

Trichromacy



Original Color
56, 57.061, 349.420

Protanomaly
55, 34.981, 316.420

Deuteranomaly
55, 28.060, 339.166

Tritanomaly
56, 49.257, 8.431

Monochromacy



Original Color
56, 57.061, 349.420

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.035, 345.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 57.061, 349.420 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(215, 89, 154)` looks like.

```
.text, #text, p{  
    color:rgb(215, 89, 154)  
}
```

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(215, 89, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 89, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 57.061, 349.420 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(215, 89, 154) }
```

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

```
.border{ border-color:rgb(215, 89, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 89, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 89, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 89, 154); box-shadow:4px 4px 4px 4px rgb(215, 89, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 57.061, 349.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 89, 154) }
```

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

```
.background{ background-color: rgb(215, 89,  
154) }
```

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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