

Converting Colors

CIELCh(56, 58.198, 346.408)

Have a look what the booklet for
CIELCh(56, 58.198, 346.408)
contains.

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Color

CIELCh(56, 58.006, 346.657)

Conversions

Conversions Part 1

Format	Color
Hex	D6599F
RGB	214, 89, 159
RGB Percent	84%, 35%, 62%
CMY	0.1611, 0.6513, 0.3768
CMYK	0.00, 0.58, 0.26, 0.16
HSL	326°, 60%, 59%
HSV	326°, 58%, 84%
XYZ	37.5200, 23.9124, 35.4006
YIQ	134.3550, 52.0300, 48.2700

Conversions

Conversions Part 2

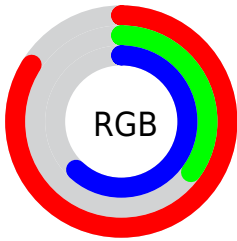
Format	Color
R _Y B	214, 89, 159
Decimal	14047647
CIE Lab	56.00, 56.44, -13.39
CIE LCh	56, 58.006, 346.657
Yxy	23.9124, 0.3875, 0.2469
Android (android.graphics.Color)	4292237727 (0xFFD6599F)
YUV	134.3550, 12.1500, 69.8487
Hunter-Lab	48.9003, 51.3831, -8.6918

Details

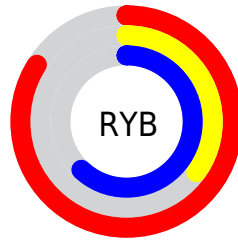
The CIELCh color **56, 58.006, 346.657** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **77, 56.130, 154.192**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 53.545, 340.956**, and **36, 58.230, 346.429** is the 20% darker color. If you saturate the color by 10%, you get **52, 65.403, 348.347**, and if you desaturate by 10%, it is **60, 49.171, 345.251**.

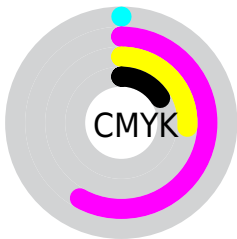
Distribution



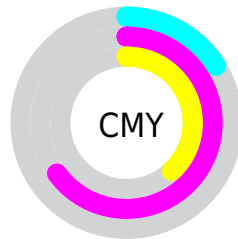
- Red (84%)
- Green (35%)
- Blue (62%)



- Red (84%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (58%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (65%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 58.006, 346.657 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, 58.006, 346.657 by changing the saturation by 10% instead.


 56, 58.006,
346.657


 56, 58.006,
346.657


 100, 58.006,
346.657

 46, 58.006,
346.657


 76, 58.006,
346.657

 36, 58.006,
346.657

 86, 58.006,
346.657

 26, 58.006,
346.657

 96, 58.006,
346.657

 16, 58.006,
346.657

 6, 58.006, 346.657

 0, 58.006, 346.657

56, 58.006,
346.657

56, 58.006,
346.657

52, 65.403,
348.347

60, 49.171,
345.251

50, 70.862,
350.427

65, 39.428,
344.047

48, 74.048,
353.036

70, 29.211,
342.990

47, 75.127,
356.276

75, 18.842,
342.043

46, 75.242,
356.812

81, 8.540, 341.167

86, 1.560, 160.696

92, 11.382,
159.757

97, 17.936,
161.952

■ 97, 15.312,
176.080

Harmonies

Complementary

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



56, 58.006, 346.657



77, 56.130, 154.192

Rectangle

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



56, 58.006, 346.657



56, 58.006, 36.657



56, 58.006, 166.657



56, 58.006, 216.657

Sweetspot

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



56, 58.003, 346.658



88, 21.217, 342.020



49, 73.625, 310.083



45, 14.773, 342.289



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, 58.003, 346.658



61, 76.305, 348.780



54, 53.913, 22.374



42, 5.761, 341.253



37, 63.784, 356.198



5, 24.223, 350.132

Inverse Universe

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



56, 58.003, 346.658



61, 76.305, 348.780



79, 36.954, 189.816



42, 5.761, 341.253



37, 63.784, 356.198



5, 24.223, 350.132

Previews

White Background



This preview shows how the CIELCh color 56, 58.006, 346.657 looks on a white background.

Color Contrast Check

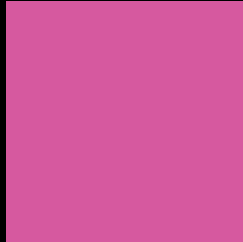
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.006, 346.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

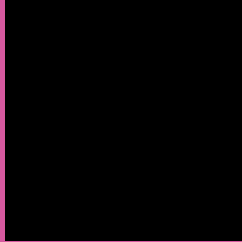
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 58.006, 346.657

Background



This preview shows how black text looks on a background with the CIELCh color 56, 58.006, 346.657.

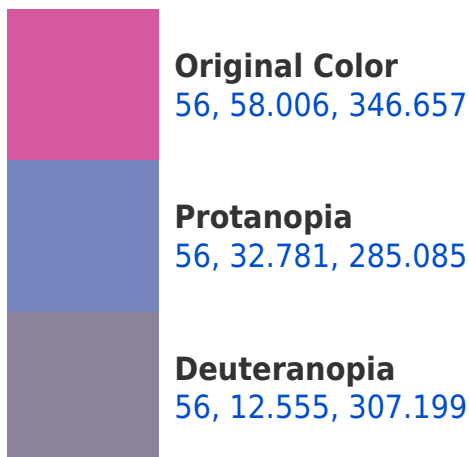


This preview shows how white text looks on a background with the CIELCh color 56, 58.006, 346.657.

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](#).

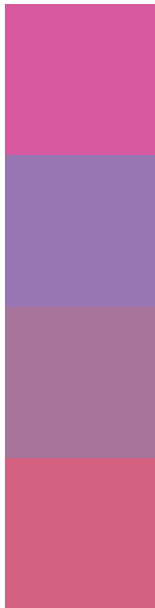
Dichromacy





Tritanopia
56, 46.258, 20.799

Trichromacy



Original Color
56, 58.006, 346.657

Protanomaly
55, 37.770, 312.858

Deuteranomaly
55, 29.436, 333.800

Tritanomaly
56, 48.148, 6.331

Monochromacy



Original Color
56, 58.006, 346.657

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.661, 343.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 58.006, 346.657 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(214, 89, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 89, 159)  
}
```

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(214, 89, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 89, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 58.006, 346.657 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(214, 89, 159) }
```

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

```
.border{ border-color:rgb(214, 89, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 89, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 89, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 89, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 89,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 58.006, 346.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 89, 159) }
```

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

```
.background{ background-color: rgb(214, 89,  
159) }
```

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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