

Converting Colors

CIELCh(57, 58.038, 347.920)

Have a look what the booklet for
CIELCh(57, 58.038, 347.920)
contains.

CIELCh(57, 57.984, 348.142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 57.984, 348.142)

Conversions

Conversions Part 1

Format	Color
Hex	DA5B9F
RGB	218, 91, 159
RGB Percent	85%, 36%, 62%
CMY	0.1447, 0.6428, 0.3761
CMYK	0.00, 0.58, 0.27, 0.14
HSL	328°, 63%, 61%
HSV	328°, 58%, 86%
XYZ	38.9547, 24.9227, 35.5959
YIQ	136.7250, 53.8640, 48.0720

Conversions

Conversions Part 2

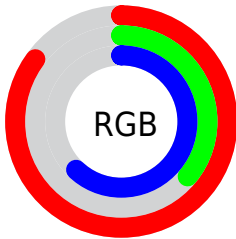
Format	Color
R _Y B	218, 91, 159
Decimal	14310303
CIE Lab	57.00, 56.75, -11.91
CIE LCh	57, 57.984, 348.142
Yxy	24.9227, 0.3916, 0.2505
Android (android.graphics.Color)	4292500383 (0xFFDA5B9F)
YUV	136.7250, 10.9816, 71.2782
Hunter-Lab	49.9226, 51.9194, -7.3293

Details

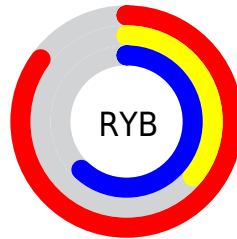
The CIELCh color **57, 57.984, 348.142** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **79, 55.634, 155.382**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.406, 341.215**, and **37, 58.032, 348.077** is the 20% darker color. If you saturate the color by 10%, you get **53, 65.487, 349.943**, and if you desaturate by 10%, it is **61, 49.064, 346.655**.

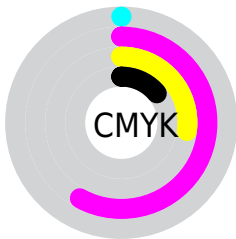
Distribution



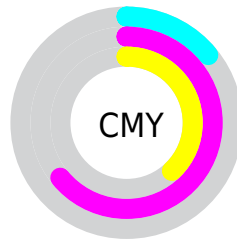
- Red (85%)
- Green (36%)
- Blue (62%)



- Red (85%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (58%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 57.984, 348.142 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 57, 57.984, 348.142 by changing the saturation by 10% instead.


 57, 57.984,
348.142


 57, 57.984,
348.142


 100, 57.984,
348.142


 47, 57.984,
348.142


 77, 57.984,
348.142

 37, 57.984,
348.142

 87, 57.984,
348.142

 27, 57.984,
348.142

 97, 57.984,
348.142

 17, 57.984,
348.142

 7, 57.984, 348.142

 0, 57.984, 348.142

57, 57.984,
348.142

57, 57.984,
348.142

53, 65.487,
349.943

61, 49.064,
346.655

51, 71.070,
352.176

66, 39.261,
345.390

49, 74.398,
354.990

71, 29.007,
344.290

47, 75.629,
358.496

77, 18.623,
343.309


47, 75.783,
359.151

82, 8.325, 342.406

88, 1.755, 161.900

94, 11.546,
160.967

97, 14.950,
167.973

 97, 12.806,
187.762

Harmonies

Complementary

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



57, 57.984, 348.142



79, 55.634, 155.382

Rectangle

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



57, 57.984, 348.142



57, 57.984, 38.142



57, 57.984, 168.142



57, 57.984, 218.142

Sweetspot

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



57, 57.981, 348.143



89, 19.695, 343.209



51, 74.564, 310.555



46, 13.196, 343.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 57.981, 348.143



61, 75.407, 350.432



55, 54.878, 23.547



43, 5.775, 342.514



37, 63.987, 358.484



6, 25.459, 351.988

Inverse Universe

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



57, 57.981, 348.143



61, 75.407, 350.432



80, 37.088, 191.556



43, 5.775, 342.514



37, 63.987, 358.484



6, 25.459, 351.988

Previews

White Background



This preview shows how the CIELCh color 57, 57.984, 348.142 looks on a white background.

Color Contrast Check

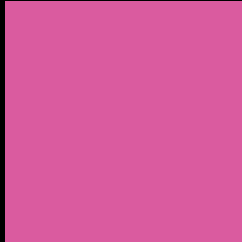
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 57.984, 348.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

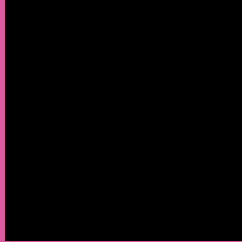
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 57.984, 348.142

Background



This preview shows how black text looks on a background with the CIELCh color 57, 57.984, 348.142.

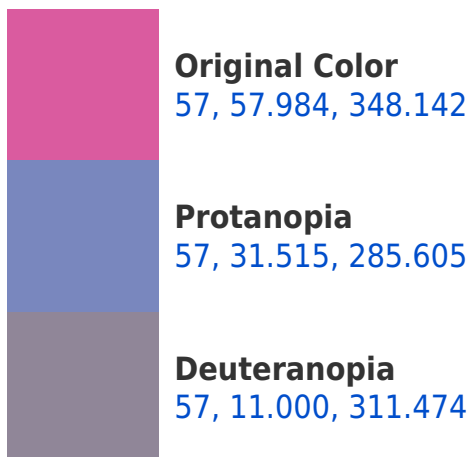


This preview shows how white text looks on a background with the CIELCh color 57, 57.984, 348.142.

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](#).

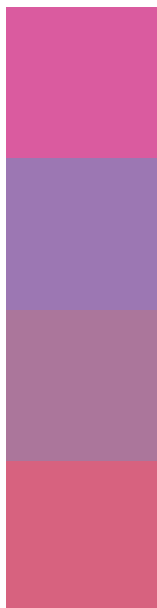
Dichromacy





Tritanopia
57, 47.859, 21.140

Trichromacy



Original Color
57, 57.984, 348.142

Protanomaly
56, 36.843, 314.492

Deuteranomaly
56, 29.092, 336.580

Tritanomaly
57, 49.163, 7.602

Monochromacy



Original Color
57, 57.984, 348.142

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 22.911, 343.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 57.984, 348.142 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(218, 91, 159)` looks like.

```
.text, #text, p{  
    color:rgb(218, 91, 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(218, 91, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 91, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 57.984, 348.142 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(218, 91, 159) }
```

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

```
.border{ border-color:rgb(218, 91, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 91, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 91, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 91, 159);  
box-shadow:4px 4px 4px 4px rgb(218, 91,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 57.984, 348.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 91, 159) }
```

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

```
.background{ background-color: rgb(218, 91,  
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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