

Converting Colors

CIELCh(57, 63.454, 341.714)

Have a look what the booklet for
CIELCh(57, 63.454, 341.714)
contains.

CIELCh(57, 63.410, 341.815)	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, 63.410, 341.815)

Conversions

Conversions Part 1

Format	Color
Hex	DB58AD
RGB	219, 88, 173
RGB Percent	86%, 35%, 68%
CMY	0.1427, 0.6563, 0.3230
CMYK	0.00, 0.60, 0.21, 0.14
HSL	321°, 64%, 60%
HSV	321°, 60%, 86%
XYZ	40.0653, 24.9227, 42.0547
YIQ	136.8590, 50.7910, 54.2070

Conversions

Conversions Part 2

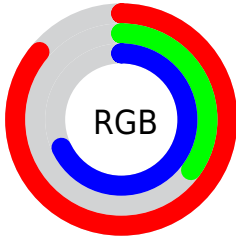
Format	Color
R _Y B	219, 88, 173
Decimal	14375085
CIE Lab	57.00, 60.24, -19.79
CIE LCh	57, 63.410, 341.815
Yxy	24.9227, 0.3743, 0.2328
Android (android.graphics.Color)	4292565165 (0xFFDB58AD)
YUV	136.8590, 17.8175, 72.0377
Hunter-Lab	49.9226, 55.8902, -14.9999

Details

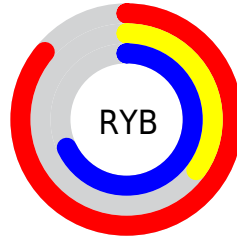
The CIELCh color **57, 63.410, 341.815** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **79, 62.934, 150.107**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 58.517, 334.797**, and **37, 63.313, 342.141** is the 20% darker color. If you saturate the color by 10%, you get **54, 70.870, 343.155**, and if you desaturate by 10%, it is **61, 54.279, 340.665**.

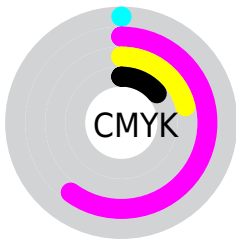
Distribution



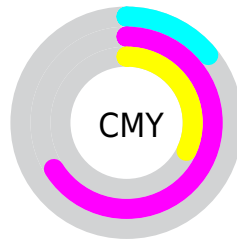
- Red (86%)
- Green (35%)
- Blue (68%)



- Red (86%)
- Yellow (35%)
- Blue (68%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 63.410, 341.815 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, 63.410, 341.815 by changing the saturation by 10% instead.


 57, 63.410,
341.815


 57, 63.410,
341.815


 100, 63.410,
341.815


 47, 63.410,
341.815


 77, 63.410,
341.815

 37, 63.410,
341.815

 87, 63.410,
341.815

 27, 63.410,
341.815

 97, 63.410,
341.815

 17, 63.410,
341.815

 7, 63.410, 341.815

 0, 63.410, 341.815

57, 63.410,
341.815

57, 63.410,
341.815

54, 70.870,
343.155

61, 54.279,
340.665

51, 76.148,
344.758

66, 44.040,
339.650

49, 78.932,
346.724

71, 33.169,
338.733

48, 79.552,
349.102

76, 22.035,
337.892

48, 79.555,
349.124

82, 10.894,
337.102

87, 0.088, 160.717

93, 10.813,
155.782

97, 16.741,
158.617

■ 97, 14.374,
170.284

Harmonies

Complementary

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



57, 63.410, 341.815



79, 62.934, 150.107

Rectangle

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



57, 63.410, 341.815



57, 63.410, 31.815



57, 63.410, 161.815



57, 63.410, 211.815

Sweetspot

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



57, 63.407, 341.816



89, 22.549, 337.750



48, 76.806, 307.864



45, 15.692, 337.988



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, 63.407, 341.816



61, 81.479, 343.560



55, 55.154, 16.582



43, 6.253, 337.064



38, 67.126, 348.682



6, 27.120, 344.280

Inverse Universe

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



57, 63.407, 341.816



61, 81.479, 343.560



80, 40.499, 181.497



43, 6.253, 337.064



38, 67.126, 348.682



6, 27.120, 344.280

Previews

White Background



This preview shows how the CIELCh color 57, 63.410, 341.815 looks on a white background.

Color Contrast Check

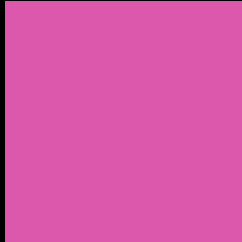
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 63.410, 341.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

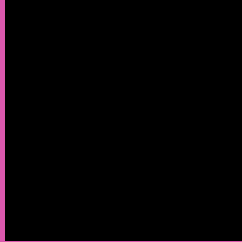
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 63.410, 341.815

Background



This preview shows how black text looks on a background with the CIELCh color 57, 63.410, 341.815.

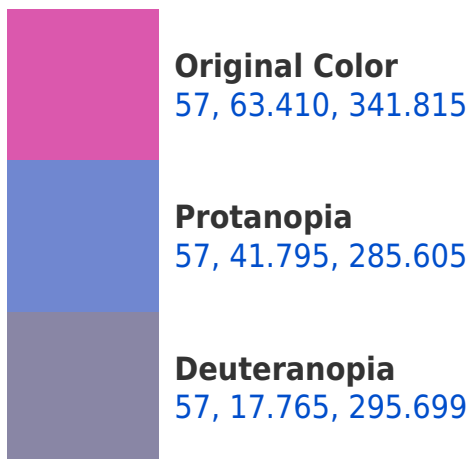


This preview shows how white text looks on a background with the CIELCh color 57, 63.410, 341.815.

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](#).

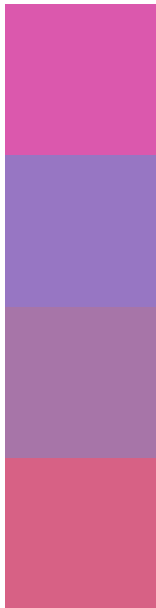
Dichromacy





Tritanopia
57, 46.965, 20.892

Trichromacy



Original Color
57, 63.410, 341.815

Protanomaly
56, 45.566, 308.738

Deuteranomaly
56, 34.351, 325.496

Tritanomaly
57, 49.954, 3.387

Monochromacy



Original Color
57, 63.410, 341.815

Achromatopsia
57, 0.007, 296.813

Achromatomaly
55, 25.576, 338.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 63.410, 341.815 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(219, 88, 173)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 173)  
}
```

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(219, 88, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 63.410, 341.815 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(219, 88, 173) }
```

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

```
.border{ border-color:rgb(219, 88, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 173);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 63.410, 341.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 173) }
```

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

```
.background{ background-color: rgb(219, 88,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor