

Converting Colors

CIELCh(57, 65.263, 338.583)

Have a look what the booklet for
CIELCh(57, 65.263, 338.583)
contains.

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Color

CIELCh(57, 65.212, 338.493)

Conversions

Conversions Part 1

Format	Color
Hex	D958B4
RGB	217, 88, 180
RGB Percent	85%, 35%, 71%
CMY	0.1502, 0.6560, 0.2952
CMYK	0.00, 0.60, 0.17, 0.15
HSL	317°, 63%, 60%
HSV	317°, 60%, 85%
XYZ	40.2028, 24.9227, 45.7238
YIQ	137.0590, 47.3520, 55.9600

Conversions

Conversions Part 2

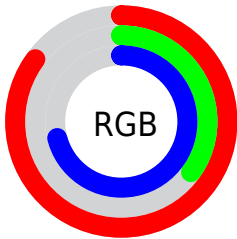
Format	Color
R _{YB}	217, 88, 180
Decimal	14244020
CIE _{Lab}	57.00, 60.67, -23.91
CIE _{LCh}	57, 65.212, 338.493
Yxy	24.9227, 0.3627, 0.2248
Android (android.graphics.Color)	4292434100 (0xFFD958B4)
YUV	137.0590, 21.1699, 70.1083
Hunter-Lab	49.9226, 56.3820, -19.3575

Details

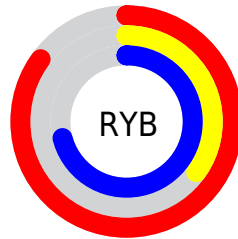
The CIELCh color **57, 65.212, 338.493** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **78, 65.424, 147.717**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 61.063, 332.333**, and **37, 65.248, 338.510** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.948, 339.569**, and if you desaturate by 10%, it is **61, 55.774, 337.536**.

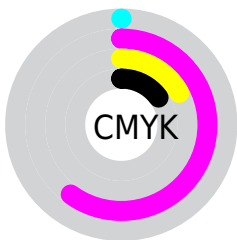
Distribution



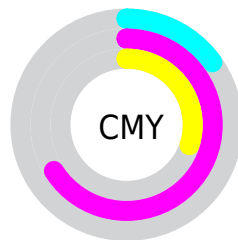
- Red (85%)
- Green (35%)
- Blue (71%)



- Red (85%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 65.212, 338.493 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, 65.212, 338.493 by changing the saturation by 10% instead.


 57, 65.212,
338.493

 57, 65.212,
338.493

 100, 65.212,
338.493

 47, 65.212,
338.493


 77, 65.212,
338.493

 37, 65.212,
338.493

 87, 65.212,
338.493

 27, 65.212,
338.493

 97, 65.212,
338.493

 17, 65.212,
338.493

 7, 65.212, 338.493

 0, 65.212, 338.493

57, 65.212,
338.493

57, 65.212,
338.493

54, 72.948,
339.569

61, 55.774,
337.536

51, 78.471,
340.812

66, 45.195,
336.663

49, 81.454,
342.289

71, 33.955,
335.853

48, 82.163,
344.045

76, 22.426,
335.092


48, 82.180,
344.132

81, 10.872,
334.364

87, 0.535, 154.389

93, 11.691,
153.122

97, 18.875,
154.502

 97, 16.713,
162.082

Harmonies

Complementary

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



57, 65.212, 338.493



78, 65.424, 147.717

Rectangle

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



57, 65.212, 338.493



57, 65.212, 28.493



57, 65.212, 158.493



57, 65.212, 208.493

Sweetspot

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



57, 65.209, 338.493



89, 23.586, 334.992



47, 75.776, 306.057



46, 16.408, 335.209



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, 65.209, 338.493



62, 84.045, 339.818



55, 53.995, 11.330



42, 6.421, 334.356



38, 69.042, 343.797



6, 26.714, 340.341

Inverse Universe

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



57, 65.209, 338.493



62, 84.045, 339.818



79, 42.272, 175.673



42, 6.421, 334.356



38, 69.042, 343.797



6, 26.714, 340.341

Previews

White Background



This preview shows how the CIELCh color 57, 65.212, 338.493 looks on a white background.

Color Contrast Check

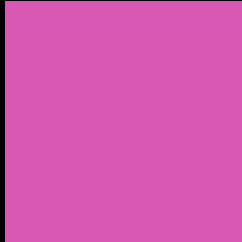
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.212, 338.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

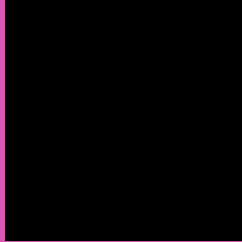
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 65.212, 338.493

Background



This preview shows how black text looks on a background with the CIELCh color 57, 65.212, 338.493.

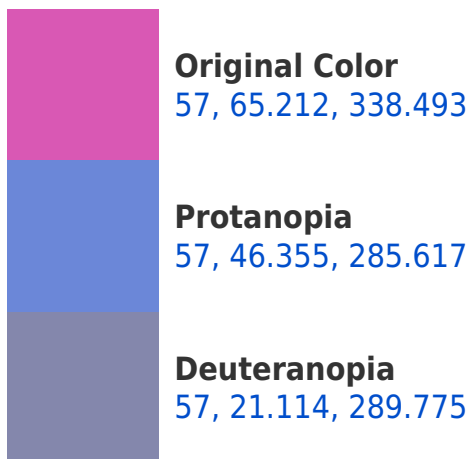


This preview shows how white text looks on a background with the CIELCh color 57, 65.212, 338.493.

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, 45.139, 19.740

Trichromacy



Original Color
57, 65.212, 338.493



Protanomaly
56, 49.688, 306.136



Deuteranomaly
56, 36.363, 319.907



Tritanomaly
57, 48.850, 0.394

Monochromacy



Original Color
57, 65.212, 338.493



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 26.406, 335.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 65.212, 338.493 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(217, 88, 180)` looks like.

```
.text, #text, p{  
    color:rgb(217, 88, 180)  
}
```

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(217, 88, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 88, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 65.212, 338.493 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(217, 88, 180) }
```

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

```
.border{ border-color:rgb(217, 88, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 88, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 88, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 88, 180);  
box-shadow:4px 4px 4px 4px rgb(217, 88,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 65.212, 338.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 88, 180) }
```

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

```
.background{ background-color: rgb(217, 88,  
180) }
```

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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