

Converting Colors

CIELCh(57, 57.228, 354.523)

Have a look what the booklet for
CIELCh(57, 57.228, 354.523)
contains.

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Color

CIELCh(57, 57.293, 354.696)

Conversions

Conversions Part 1

Format	Color
Hex	DE5A94
RGB	222, 90, 148
RGB Percent	87%, 35%, 58%
CMY	0.1301, 0.6476, 0.4202
CMYK	0.00, 0.59, 0.33, 0.13
HSL	334°, 67%, 61%
HSV	334°, 59%, 87%
XYZ	39.0496, 24.9227, 30.7084
YIQ	136.0800, 60.0540, 46.0220

Conversions

Conversions Part 2

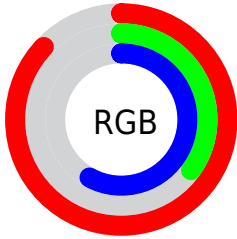
Format	Color
R _{YB}	222, 90, 148
Decimal	14572180
CIE Lab	57.00, 57.05, -5.30
CIE LCh	57, 57.293, 354.696
Yxy	24.9227, 0.4124, 0.2632
Android (android.graphics.Color)	4292762260 (0xFFDE5A94)
YUV	136.0800, 5.8766, 75.3518
Hunter-Lab	49.9226, 52.2584, -1.5246

Details

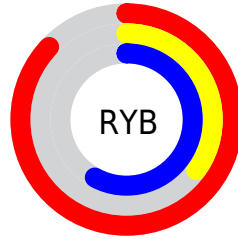
The CIELCh color **57, 57.293, 354.696** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **80, 52.703, 160.201**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 49.061, 347.237**, and **37, 57.117, 355.004** is the 20% darker color. If you saturate the color by 10%, you get **53, 64.716, 357.021**, and if you desaturate by 10%, it is **61, 48.546, 352.827**.

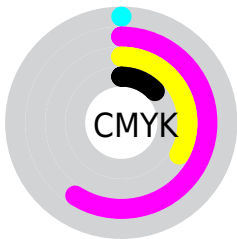
Distribution



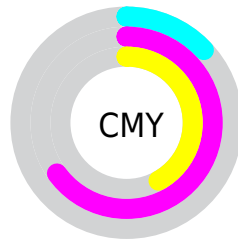
- Red (87%)
- Green (35%)
- Blue (58%)



- Red (87%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 57.293, 354.696 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, 57.293, 354.696 by changing the saturation by 10% instead.


 57, 57.293,
354.696

 57, 57.293,
354.696

 100, 57.293,
354.696

 47, 57.293,
354.696

 77, 57.293,
354.696

 37, 57.293,
354.696

 87, 57.293,
354.696

 27, 57.293,
354.696

 97, 57.293,
354.696

 17, 57.293,
354.696

 7, 57.293, 354.696

 0, 57.293, 354.696

57, 57.293,
354.696

57, 57.293,
354.696

53, 64.716,
357.021

61, 48.546,
352.827

51, 70.356,
359.959

66, 38.989,
351.285

49, 73.970, 3.689

72, 29.047,
349.980

48, 75.938, 8.247

77, 19.032,
348.850


47, 76.035, 8.482

83, 9.152, 347.837

89, 0.471, 167.988

95, 9.773, 166.261

98, 12.090,
179.739

 98, 11.208,
198.758

Harmonies

Complementary

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



57, 57.293, 354.696



80, 52.703, 160.201

Rectangle

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



57, 57.293, 354.696



57, 57.293, 44.696



57, 57.293, 174.696



57, 57.293, 224.696

Sweetspot

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



57, 57.290, 354.697



88, 19.644, 348.707



52, 77.417, 313.546



45, 13.695, 349.019



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, 57.290, 354.697



60, 73.365, 357.569



57, 56.183, 30.199



43, 5.420, 347.830



37, 63.235, 7.581



6, 24.548, 358.666

Inverse Universe

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



57, 57.290, 354.697



60, 73.365, 357.569



80, 35.254, 202.815



43, 5.420, 347.830



37, 63.235, 7.581



6, 24.548, 358.666

Previews

White Background



This preview shows how the CIELCh color 57, 57.293, 354.696 looks on a white background.

Color Contrast Check

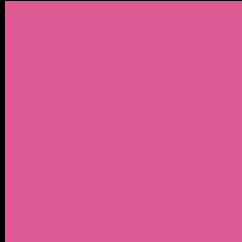
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.293, 354.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

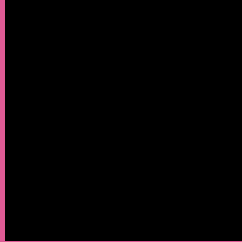
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 57.293, 354.696

Background



This preview shows how black text looks on a background with the CIELCh color 57, 57.293, 354.696.

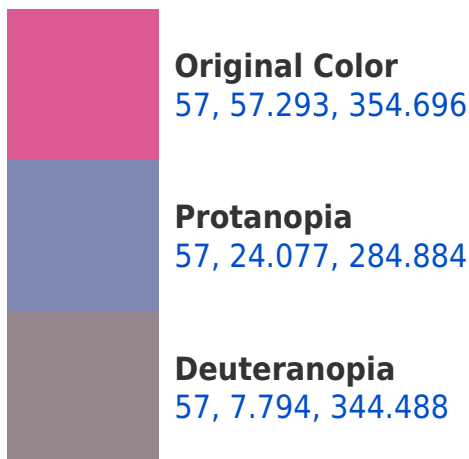


This preview shows how white text looks on a background with the CIELCh color 57, 57.293, 354.696.

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, 50.952, 21.966

Trichromacy



Original Color
57, 57.293, 354.696

Protanomaly
56, 31.509, 322.333

Deuteranomaly
56, 27.084, 349.824

Tritanomaly
57, 51.443, 11.472

Monochromacy



Original Color
57, 57.293, 354.696

Achromatopsia
57, 0.007, 296.813

Achromatomaly
55, 22.424, 349.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 57.293, 354.696 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(222, 90, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 90, 148)  
}
```

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(222, 90, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 90, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 57.293, 354.696 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(222, 90, 148) }
```

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

```
.border{ border-color:rgb(222, 90, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 90, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 90, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 90, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 90,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 57.293, 354.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 90, 148) }
```

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

```
.background{ background-color: rgb(222, 90,  
148) }
```

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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