

Converting Colors

CIELCh(57, 66.147, 341.756)

Have a look what the booklet for
CIELCh(57, 66.147, 341.756)
contains.

CIELCh(57, 66.182, 341.935)	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, 66.182, 341.935)

Conversions

Conversions Part 1

Format	Color
Hex	DE54AE
RGB	222, 84, 174
RGB Percent	87%, 33%, 68%
CMY	0.1295, 0.6706, 0.3177
CMYK	0.00, 0.62, 0.22, 0.13
HSL	321°, 68%, 60%
HSV	321°, 62%, 87%
XYZ	40.9296, 24.9227, 42.6932
YIQ	135.5220, 53.3580, 57.2460

Conversions

Conversions Part 2

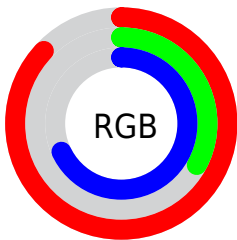
Format	Color
R_{YB}	222, 84, 174
Decimal	14570670
CIE _{Lab}	57.00, 62.92, -20.52
CIE _{LCh}	57, 66.182, 341.935
Yxy	24.9227, 0.3771, 0.2296
Android (android.graphics.Color)	4292760750 (0xFFDE54AE)
YUV	135.5220, 18.9697, 75.8412
Hunter-Lab	49.9226, 58.9805, -15.7582

Details

The CIELCh color **57, 66.182, 341.935** 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, 65.935, 149.622**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.591, 334.280**, and **37, 65.948, 342.023** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.276, 343.315**, and if you desaturate by 10%, it is **61, 57.261, 340.756**.

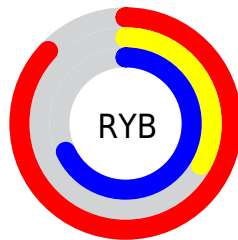
Distribution



Red (87%)

Green (33%)

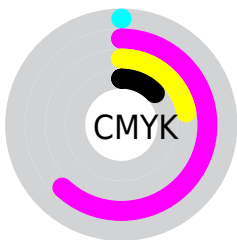
Blue (68%)



Red (87%)

Yellow (33%)

Blue (68%)

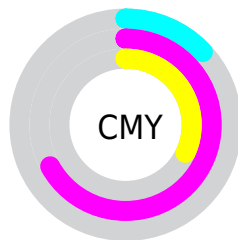


Cyan (0%)

Magenta (62%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 66.182, 341.935 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, 66.182, 341.935 by changing the saturation by 10% instead.


 57, 66.182,
341.935


 57, 66.182,
341.935


 100, 66.182,
341.935


 47, 66.182,
341.935


 77, 66.182,
341.935

 37, 66.182,
341.935

 87, 66.182,
341.935

 27, 66.182,
341.935

 97, 66.182,
341.935

 17, 66.182,
341.935

 7, 66.182, 341.935

 0, 66.182, 341.935

57, 66.182,
341.935

57, 66.182,
341.935

54, 73.276,
343.315

61, 57.261,
340.756

51, 78.056,
344.976

66, 47.088,
339.721

50, 80.282,
347.016

71, 36.171,
338.789

49, 80.602,
348.895

76, 24.909,
337.936

81, 13.589,
337.139

87, 2.398, 336.280

93, 8.551, 155.804

97, 15.257,
158.437

97, 12.907,
171.499

Harmonies

Complementary

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



57, 66.182, 341.935



79, 65.935, 149.622

Rectangle

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



57, 66.182, 341.935



57, 66.182, 31.935



57, 66.182, 161.935



57, 66.182, 211.935

Sweetspot

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



57, 66.179, 341.936



88, 23.866, 337.691



47, 80.750, 307.601



45, 16.446, 337.925



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, 66.179, 341.936



60, 83.492, 343.847



55, 57.780, 15.988



44, 6.387, 336.929



39, 67.959, 348.463



7, 28.528, 344.245

Inverse Universe

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



57, 66.179, 341.936



60, 83.492, 343.847



81, 42.613, 179.691



44, 6.387, 336.929



39, 67.959, 348.463



7, 28.528, 344.245

Previews

White Background



This preview shows how the CIELCh color 57, 66.182, 341.935 looks on a white background.

Color Contrast Check

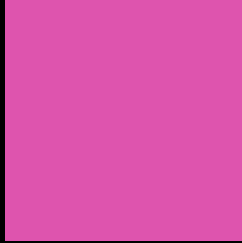
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.182, 341.935 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, 66.182, 341.935

Background



This preview shows how black text looks on a background with the CIELCh color 57, 66.182, 341.935.

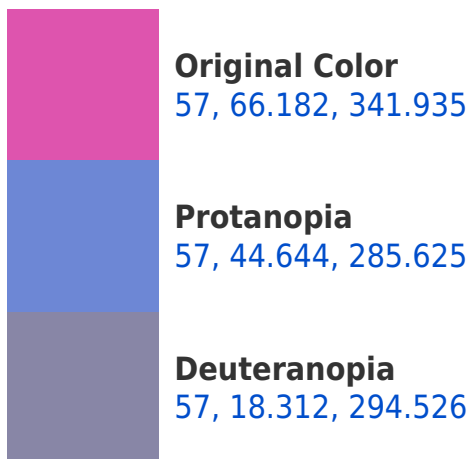


This preview shows how white text looks on a background with the CIELCh color 57, 66.182, 341.935.

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, 49.290, 22.118

Trichromacy



Original Color
57, 66.182, 341.935



Protanomaly
55, 48.963, 308.282



Deuteranomaly
56, 35.477, 325.024



Tritanomaly
57, 51.757, 4.695

Monochromacy



Original Color
57, 66.182, 341.935



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 26.866, 338.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 66.182, 341.935 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, 84, 174)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 174)  
}
```

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, 84, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 66.182, 341.935 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, 84, 174) }
```

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

```
.border{ border-color:rgb(222, 84, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 84, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 174);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 66.182, 341.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 174) }
```

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

```
.background{ background-color: rgb(222, 84,  
174) }
```

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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