

Converting Colors

CIELCh(57, 85.386, 335.093)

Have a look what the booklet for
CIELCh(57, 85.386, 335.093)
contains.

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Color

CIELCh(57, 85.520, 335.099)

Conversions

Conversions Part 1

Format	Color
Hex	E93DC9
RGB	233, 61, 201
RGB Percent	91%, 24%, 79%
CMY	0.0858, 0.7601, 0.2113
CMYK	0.00, 0.74, 0.14, 0.09
HSL	311°, 80%, 58%
HSV	311°, 74%, 91%
XYZ	45.8811, 24.9227, 57.7261
YIQ	128.3880, 57.5720, 80.0040

Conversions

Conversions Part 2

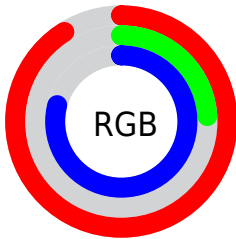
Format	Color
R _{YB}	233, 61, 201
Decimal	15285705
CIE Lab	57.00, 77.57, -36.01
CIE LCh	57, 85.520, 335.099
Yxy	24.9227, 0.3570, 0.1939
Android (android.graphics.Color)	4293475785 (0xFFE93DC9)
YUV	128.3880, 35.7977, 91.7447
Hunter-Lab	49.9226, 76.6849, -33.6119

Details

The CIELCh color **57, 85.520, 335.099** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **82, 89.032, 142.143**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.526, 327.122**, and **40, 76.527, 335.557** is the 20% darker color. If you saturate the color by 10%, you get **55, 90.599, 335.930**, and if you desaturate by 10%, it is **60, 77.808, 334.331**.

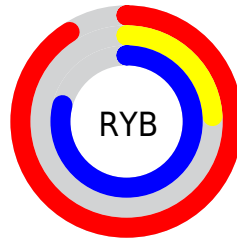
Distribution



Red (91%)

Green (24%)

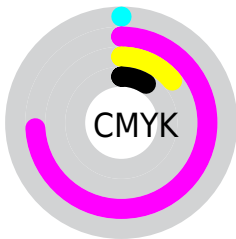
Blue (79%)



Red (91%)

Yellow (24%)

Blue (79%)

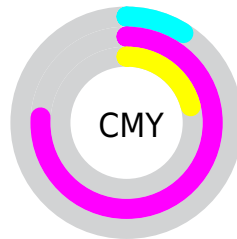


Cyan (0%)

Magenta (74%)

Yellow (14%)

Black (9%)



Cyan (9%)


Magenta (76%)


Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 85.520, 335.099 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, 85.520, 335.099 by changing the saturation by 10% instead.

 57, 85.520,
335.099


 57, 85.520,
335.099

 100, 85.520,
335.099


 47, 85.520,
335.099


 77, 85.520,
335.099

 37, 85.520,
335.099

 87, 85.520,
335.099

 27, 85.520,
335.099

 97, 85.520,
335.099

 17, 85.520,
335.099

 7, 85.520, 335.099

 0, 85.520, 335.099

57, 85.520,
335.099

57, 85.520,
335.099

55, 90.599,
335.930

60, 77.808,
334.331

53, 92.889,
336.857

64, 67.942,
333.602

53, 93.241,
337.488

68, 56.509,
332.897


73, 44.075,
332.211

79, 31.109,
331.541

84, 17.964,
330.886

90, 4.882, 330.209

96, 7.982, 149.722

 98, 10.830,
154.617

Harmonies

Complementary

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



57, 85.520, 335.099



82, 89.032, 142.143

Rectangle

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



57, 85.520, 335.099



57, 85.520, 25.099



57, 85.520, 155.099



57, 85.520, 205.099

Sweetspot

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



57, 85.517, 335.099



86, 30.968, 331.431



41, 100.363, 305.430



44, 20.811, 331.612



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, 85.517, 335.099



59, 98.705, 336.442



54, 68.860, 8.049



46, 7.434, 330.606



41, 77.336, 337.308



9, 33.806, 335.745

Inverse Universe

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



57, 85.517, 335.099



59, 98.705, 336.442



83, 57.279, 165.584



46, 7.434, 330.606



41, 77.336, 337.308



9, 33.806, 335.745

Previews

White Background



This preview shows how the CIELCh color 57, 85.520, 335.099 looks on a white background.

Color Contrast Check

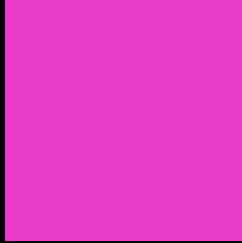
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.520, 335.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

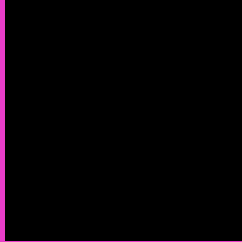
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 85.520, 335.099

Background



This preview shows how black text looks on a background with the CIELCh color 57, 85.520, 335.099.

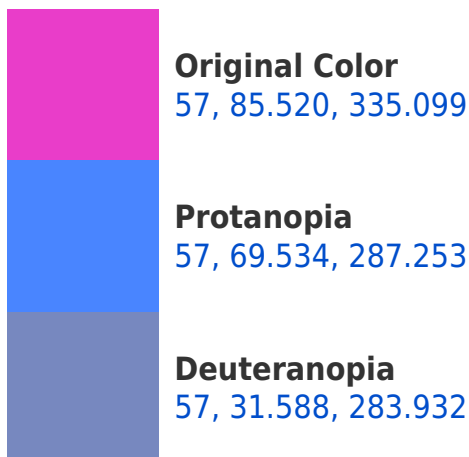


This preview shows how white text looks on a background with the CIELCh color 57, 85.520, 335.099.

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, 55.479, 23.651

Trichromacy



Original Color
57, 85.520, 335.099



Protanomaly
53, 73.729, 303.020



Deuteranomaly
55, 52.123, 314.589



Tritanomaly
56, 60.343, 0.289

Monochromacy



Original Color
57, 85.520, 335.099



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 37.341, 332.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 85.520, 335.099 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(233, 61, 201)` looks like.

```
.text, #text, p{  
    color:rgb(233, 61, 201)  
}
```

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(233, 61, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 61, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 85.520, 335.099 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(233, 61, 201) }
```

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

```
.border{ border-color:rgb(233, 61, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 61, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 61, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 61, 201);  
box-shadow:4px 4px 4px 4px rgb(233, 61,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 85.520, 335.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 61, 201) }
```

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

```
.background{ background-color: rgb(233, 61,  
201) }
```

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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