

Converting Colors

CIELCh(57, 90.271, 332.164)

Have a look what the booklet for
CIELCh(57, 90.271, 332.164)
contains.

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Color

CIELCh(57, 90.245, 332.115)

Conversions

Conversions Part 1

Format	Color
Hex	E83AD4
RGB	232, 58, 212
RGB Percent	91%, 23%, 83%
CMY	0.0903, 0.7727, 0.1688
CMYK	0.00, 0.75, 0.09, 0.09
HSL	307°, 79%, 57%
HSV	307°, 75%, 91%
XYZ	46.6563, 24.9227, 64.6155
YIQ	127.5820, 54.2700, 84.7820

Conversions

Conversions Part 2

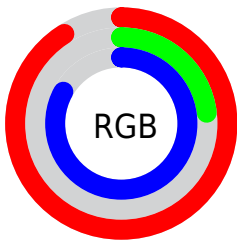
Format	Color
R _{YB}	232, 58, 212
Decimal	15219412
CIE _{Lab}	57.00, 79.77, -42.21
CIE _{LCh}	57, 90.245, 332.115
Yxy	24.9227, 0.3426, 0.1830
Android (android.graphics.Color)	4293409492 (0xFFE83AD4)
YUV	127.5820, 41.6181, 91.5746
Hunter-Lab	49.9226, 79.4568, -41.7940

Details

The CIELCh color **57, 90.245, 332.115** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **81, 93.927, 140.038**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.575, 327.155**, and **40, 80.371, 332.017** is the 20% darker color. If you saturate the color by 10%, you get **55, 95.369, 332.659**, and if you desaturate by 10%, it is **60, 82.435, 331.563**.

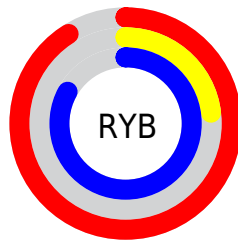
Distribution



Red (91%)

Green (23%)

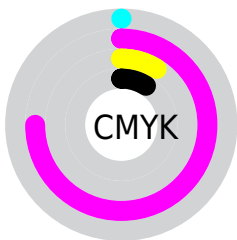
Blue (83%)



Red (91%)

Yellow (23%)

Blue (83%)

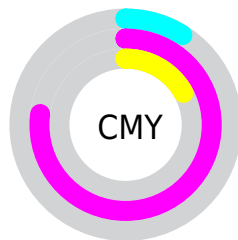


Cyan (0%)

Magenta (75%)

Yellow (9%)

Black (9%)



Cyan (9%)


Magenta (77%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 90.245, 332.115 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, 90.245, 332.115 by changing the saturation by 10% instead.


 57, 90.245,
332.115


 57, 90.245,
332.115


 100, 90.245,
332.115


 47, 90.245,
332.115


 77, 90.245,
332.115

 37, 90.245,
332.115

 87, 90.245,
332.115

 27, 90.245,
332.115

 97, 90.245,
332.115

 17, 90.245,
332.115

 7, 90.245, 332.115

 0, 90.245, 332.115

57, 90.245,
332.115

57, 90.245,
332.115

55, 95.369,
332.659

60, 82.435,
331.563

54, 97.725,
333.212

63, 72.368,
330.995

54, 98.182,
333.494

68, 60.614,
330.409

73, 47.746,
329.810

78, 34.256,
329.204

83, 20.523,
328.597

89, 6.813, 327.975

95, 6.698, 147.494

■ 98, 12.724,
149.065

Harmonies

Complementary

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



57, 90.245, 332.115



81, 93.927, 140.038

Rectangle

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



57, 90.245, 332.115



57, 90.245, 22.115



57, 90.245, 152.115



57, 90.245, 202.115

Sweetspot

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



57, 90.242, 332.115



86, 34.018, 329.089



38, 102.240, 304.257



44, 23.538, 329.309



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, 90.242, 332.115



60, 104.186, 332.958



54, 69.898, 1.727



45, 7.676, 328.258



41, 80.827, 333.395



8, 34.389, 332.513

Inverse Universe

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



57, 90.242, 332.115



60, 104.186, 332.958



82, 62.857, 159.787



45, 7.676, 328.258



41, 80.827, 333.395



8, 34.389, 332.513

Previews

White Background



This preview shows how the CIELCh color 57, 90.245, 332.115 looks on a white background.

Color Contrast Check

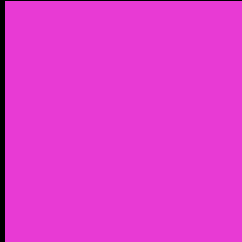
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.245, 332.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

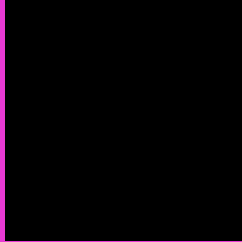
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 90.245, 332.115

Background



This preview shows how black text looks on a background with the CIELCh color 57, 90.245, 332.115.

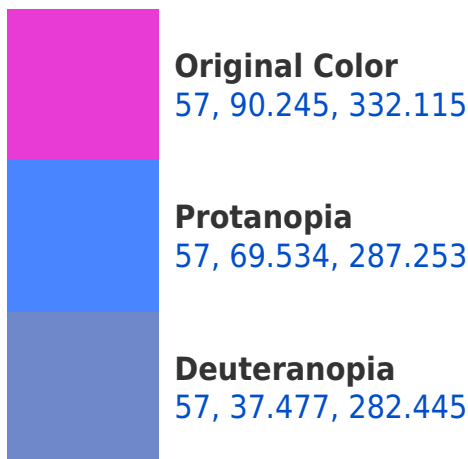


This preview shows how white text looks on a background with the CIELCh color 57, 90.245, 332.115.

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, 53.624, 22.684

Trichromacy



Original Color
57, 90.245, 332.115



Protanomaly
53, 76.493, 303.194



Deuteranomaly
54, 57.510, 310.661



Tritanomaly
56, 60.910, 356.515

Monochromacy



Original Color
57, 90.245, 332.115



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 39.453, 329.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 90.245, 332.115 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(232, 58, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 58, 212)  
}
```

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(232, 58, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 58, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 90.245, 332.115 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(232, 58, 212) }
```

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

```
.border{ border-color:rgb(232, 58, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 58, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 58, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 58, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 58,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 90.245, 332.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 58, 212) }
```

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

```
.background{ background-color: rgb(232, 58,  
212) }
```

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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