

Converting Colors

CIELCh(57, 73.284, 338.890)

Have a look what the booklet for
CIELCh(57, 73.284, 338.890)
contains.

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Color

CIELCh(57, 73.011, 338.941)

Conversions

Conversions Part 1

Format	Color
Hex	E24DB8
RGB	226, 77, 184
RGB Percent	89%, 30%, 72%
CMY	0.1139, 0.6982, 0.2786
CMYK	0.00, 0.66, 0.19, 0.11
HSL	317°, 72%, 59%
HSV	317°, 66%, 89%
XYZ	42.6491, 24.9227, 47.8886
YIQ	133.7490, 54.4570, 64.8650

Conversions

Conversions Part 2

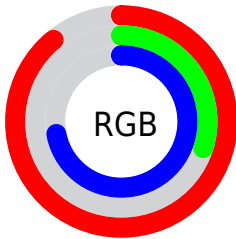
Format	Color
R _Y B	226, 77, 184
Decimal	14831032
CIE Lab	57.00, 68.13, -26.23
CIE LCh	57, 73.011, 338.941
Yxy	24.9227, 0.3694, 0.2159
Android (android.graphics.Color)	4293021112 (0xFFE24DB8)
YUV	133.7490, 24.7737, 80.9041
Hunter-Lab	49.9226, 65.1286, -21.9285

Details

The CIELCh color **57, 73.011, 338.941** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **80, 74.095, 146.524**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 67.674, 330.894**, and **38, 71.343, 339.019** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.573, 340.102**, and if you desaturate by 10%, it is **61, 64.311, 337.925**.

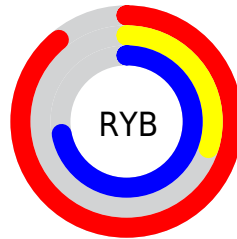
Distribution



Red (89%)

Green (30%)

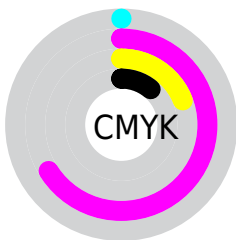
Blue (72%)



Red (89%)

Yellow (30%)

Blue (72%)

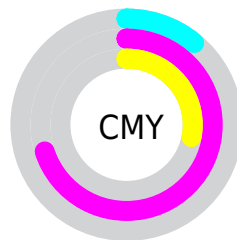


Cyan (0%)

Magenta (66%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (70%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 73.011, 338.941 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, 73.011, 338.941 by changing the saturation by 10% instead.


 57, 73.011,
338.941


 57, 73.011,
338.941


 100, 73.011,
338.941


 47, 73.011,
338.941


 77, 73.011,
338.941

 37, 73.011,
338.941

 87, 73.011,
338.941

 27, 73.011,
338.941

 97, 73.011,
338.941

 17, 73.011,
338.941

 7, 73.011, 338.941

 0, 73.011, 338.941

57, 73.011,
338.941

57, 73.011,
338.941

54, 79.573,
340.102

61, 64.311,
337.925

52, 83.578,
341.466

65, 54.050,
337.009

51, 84.936,
343.104

70, 42.784,
336.167

50, 85.039,
343.831

75, 30.977,
335.379

81, 18.977,
334.635

86, 7.021, 333.908

92, 4.737, 153.381

98, 14.552,
153.829

■ 98, 12.374,
164.218

Harmonies

Complementary

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



57, 73.011, 338.941



80, 74.095, 146.524

Rectangle

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



57, 73.011, 338.941



57, 73.011, 28.941



57, 73.011, 158.941



57, 73.011, 208.941

Sweetspot

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



57, 73.008, 338.941



87, 26.317, 334.943



45, 87.133, 306.290



45, 17.969, 335.154



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, 73.008, 338.941



60, 89.102, 340.564



55, 61.447, 12.003



44, 6.694, 334.166



39, 70.757, 343.498



7, 29.723, 340.397

Inverse Universe

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



57, 73.008, 338.941



60, 89.102, 340.564



82, 47.716, 173.360



44, 6.694, 334.166



39, 70.757, 343.498



7, 29.723, 340.397

Previews

White Background



This preview shows how the CIELCh color 57, 73.011, 338.941 looks on a white background.

Color Contrast Check

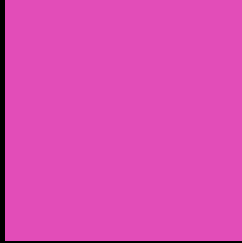
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.011, 338.941 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, 73.011, 338.941

Background



This preview shows how black text looks on a background with the CIELCh color 57, 73.011, 338.941.



This preview shows how white text looks on a background with the CIELCh color 57, 73.011, 338.941.

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](#).

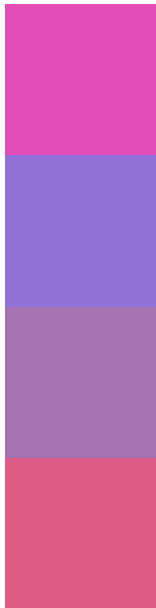
Dichromacy





Tritanopia
57, 51.497, 22.664

Trichromacy



Original Color
57, 73.011, 338.941

Protanomaly
55, 58.247, 305.920

Deuteranomaly
55, 40.764, 320.279

Tritanomaly
57, 55.090, 2.663

Monochromacy



Original Color
57, 73.011, 338.941

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 30.253, 335.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 73.011, 338.941 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(226, 77, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 77, 184)  
}
```

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(226, 77, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 77, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 73.011, 338.941 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(226, 77, 184) }
```

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

```
.border{ border-color:rgb(226, 77, 184) }
```

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

Here you see how a box with a 4 pixel rgb(226, 77, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 77, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 77, 184);  
box-shadow:4px 4px 4px 4px rgb(226, 77,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 73.011, 338.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 77, 184) }
```

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

```
.background{ background-color: rgb(226, 77,  
184) }
```

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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