

Converting Colors

CIELCh(57, 76.539, 341.273)

Have a look what the booklet for
CIELCh(57, 76.539, 341.273)
contains.

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Color

CIELCh(57, 76.391, 341.341)

Conversions

Conversions Part 1

Format	Color
Hex	E945B5
RGB	233, 69, 181
RGB Percent	91%, 27%, 71%
CMY	0.0862, 0.7293, 0.2901
CMYK	0.00, 0.70, 0.22, 0.09
HSL	319°, 79%, 59%
HSV	319°, 70%, 91%
XYZ	44.0825, 24.9227, 46.2132
YIQ	130.8040, 61.7920, 69.6000

Conversions

Conversions Part 2

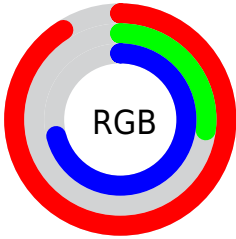
Format	Color
R _Y B	233, 69, 181
Decimal	15287733
CIE Lab	57.00, 72.38, -24.44
CIE LCh	57, 76.391, 341.341
Yxy	24.9227, 0.3826, 0.2163
Android (android.graphics.Color)	4293477813 (0xFFE945B5)
YUV	130.8040, 24.7466, 89.6259
Hunter-Lab	49.9226, 70.2537, -19.9388

Details

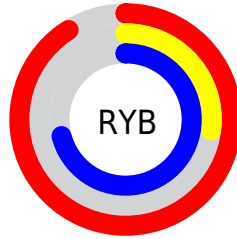
The CIELCh color **57, 76.391, 341.341** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **82, 77.862, 147.044**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 69.307, 331.694**, and **39, 70.924, 341.961** is the 20% darker color. If you saturate the color by 10%, you get **54, 81.841, 342.779**, and if you desaturate by 10%, it is **61, 68.550, 340.125**.

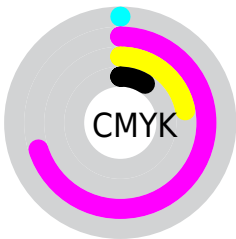
Distribution



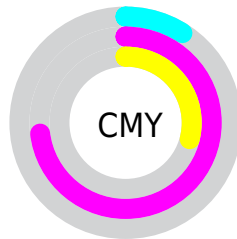
- Red (91%)
- Green (27%)
- Blue (71%)



- Red (91%)
- Yellow (27%)
- Blue (71%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (73%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 76.391, 341.341 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, 76.391, 341.341 by changing the saturation by 10% instead.


 57, 76.391,
341.341


 57, 76.391,
341.341


 100, 76.391,
341.341


 47, 76.391,
341.341


 77, 76.391,
341.341

 37, 76.391,
341.341

 87, 76.391,
341.341

 27, 76.391,
341.341

 97, 76.391,
341.341

 17, 76.391,
341.341

 7, 76.391, 341.341

 0, 76.391, 341.341

57, 76.391,
341.341

57, 76.391,
341.341

54, 81.841,
342.779

61, 68.550,
340.125

53, 84.604,
344.519

65, 58.872,
339.064

52, 85.068,
346.524

70, 47.946,
338.114

75, 36.293,
337.247

80, 24.318,
336.441

86, 12.309,
335.680

92, 0.450, 334.155

98, 10.875,
154.669

Harmonies

Complementary

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



57, 76.391, 341.341



82, 77.862, 147.044

Rectangle

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



57, 76.391, 341.341



57, 76.391, 31.341



57, 76.391, 161.341



57, 76.391, 211.341

Sweetspot

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



57, 76.388, 341.341



87, 26.971, 336.498



45, 94.983, 307.839



44, 18.269, 336.717



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, 76.388, 341.341



58, 89.162, 343.440



55, 67.395, 17.514



46, 6.771, 335.612



40, 70.642, 346.130



8, 31.167, 342.755

Inverse Universe

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



57, 76.388, 341.341



58, 89.162, 343.440



84, 48.679, 177.068



46, 6.771, 335.612



40, 70.642, 346.130



8, 31.167, 342.755

Previews

White Background



This preview shows how the CIELCh color 57, 76.391, 341.341 looks on a white background.

Color Contrast Check

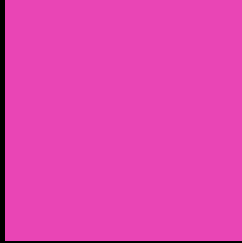
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.391, 341.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

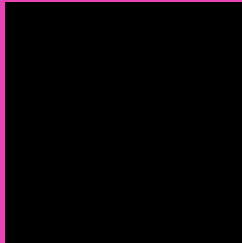
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 76.391, 341.341

Background



This preview shows how black text looks on a background with the CIELCh color 57, 76.391, 341.341.

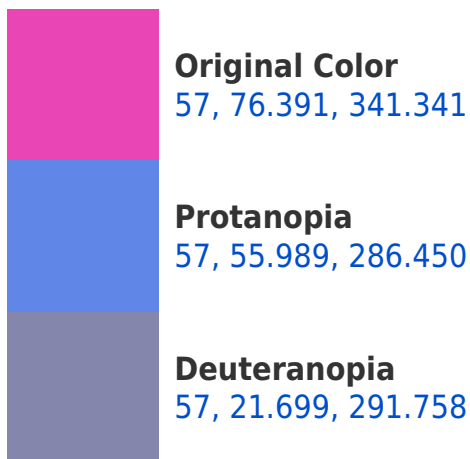


This preview shows how white text looks on a background with the CIELCh color 57, 76.391, 341.341.

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, 57.257, 24.099

Trichromacy



Original Color
57, 76.391, 341.341



Protanomaly
54, 60.182, 306.925



Deuteranomaly
55, 42.532, 323.692



Tritanomaly
57, 59.981, 5.195

Monochromacy



Original Color
57, 76.391, 341.341



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 32.654, 337.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 76.391, 341.341 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, 69, 181)` looks like.

```
.text, #text, p{  
    color:rgb(233, 69, 181)  
}
```

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, 69, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 69, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 76.391, 341.341 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, 69, 181) }
```

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

```
.border{ border-color:rgb(233, 69, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 69, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 69, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 69, 181);  
box-shadow:4px 4px 4px 4px rgb(233, 69,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 76.391, 341.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 69, 181) }
```

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

```
.background{ background-color: rgb(233, 69,  
181) }
```

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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