

Converting Colors

CIELCh(58, 76.600, 341.195)

Have a look what the booklet for
CIELCh(58, 76.600, 341.195)
contains.

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Color

CIELCh(58, 76.550, 341.231)

Conversions

Conversions Part 1

Format	Color
Hex	EC48B8
RGB	236, 72, 184
RGB Percent	93%, 28%, 72%
CMY	0.0741, 0.7172, 0.2781
CMYK	0.00, 0.69, 0.22, 0.07
HSL	319°, 81%, 60%
HSV	319°, 69%, 93%
XYZ	45.6079, 25.9610, 48.0015
YIQ	133.8040, 61.7920, 69.6000

Conversions

Conversions Part 2

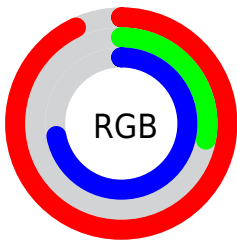
Format	Color
R _Y B	236, 72, 184
Decimal	15485112
CIE Lab	58.00, 72.48, -24.63
CIE LCh	58, 76.550, 341.231
Yxy	25.9610, 0.3814, 0.2171
Android (android.graphics.Color)	4293675192 (0xFFEC48B8)
YUV	133.8040, 24.7466, 89.6259
Hunter-Lab	50.9519, 70.6124, -20.1904

Details

The CIELCh color **58, 76.550, 341.231** 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 **83, 77.859, 147.196**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 69.338, 330.858**, and **39, 72.036, 341.682** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.284, 342.648**, and if you desaturate by 10%, it is **62, 68.440, 340.029**.

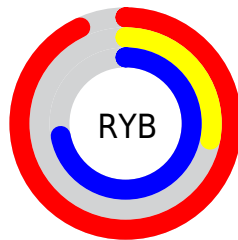
Distribution



Red (93%)

Green (28%)

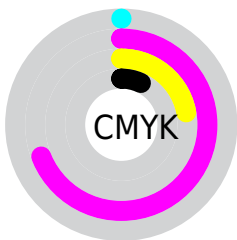
Blue (72%)



Red (93%)

Yellow (28%)

Blue (72%)

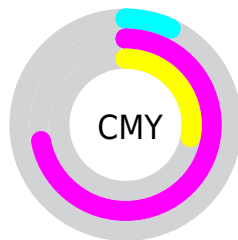


Cyan (0%)

Magenta (69%)

Yellow (22%)

Black (7%)



Cyan (7%)


Magenta (72%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 76.550, 341.231 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 58, 76.550, 341.231 by changing the saturation by 10% instead.


 58, 76.550,
341.231


 58, 76.550,
341.231


 100, 76.550,
341.231


 48, 76.550,
341.231


 78, 76.550,
341.231

 38, 76.550,
341.231

 88, 76.550,
341.231

 28, 76.550,
341.231

 98, 76.550,
341.231

 18, 76.550,
341.231

 8, 76.550, 341.231

 0, 76.550, 341.231

■ 58, 76.550,
341.231

■ 58, 76.550,
341.231

■ 55, 82.284,
342.648

■ 62, 68.440,
340.029

■ 53, 85.311,
344.361

■ 66, 58.524,
338.979

■ 52, 85.889,
346.429

■ 71, 47.397,
338.037

■ 52, 85.898,
346.546

■ 76, 35.576,
337.175

■ 82, 23.461,
336.374

■ 88, 11.330,
335.614

■ 94, 0.634, 155.567

■ 98, 8.721, 158.937

Harmonies

Complementary

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



58, 76.550, 341.231



83, 77.859, 147.196

Rectangle

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



58, 76.550, 341.231



58, 76.550, 31.231



58, 76.550, 161.231



58, 76.550, 211.231

Sweetspot

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



58, 76.547, 341.231



87, 26.970, 336.501



46, 94.798, 307.775



44, 18.269, 336.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 76.547, 341.231



59, 88.819, 343.274



56, 67.299, 17.197



46, 6.771, 335.614



40, 70.640, 346.135



8, 31.166, 342.759

Inverse Universe

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



58, 76.547, 341.231



59, 88.819, 343.274



85, 48.793, 177.188



46, 6.771, 335.614



40, 70.640, 346.135



8, 31.166, 342.759

Previews

White Background



This preview shows how the CIELCh color 58, 76.550, 341.231 looks on a white background.

Color Contrast Check

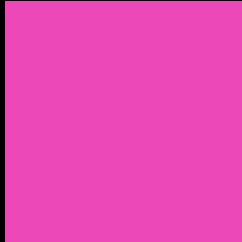
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 76.550, 341.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

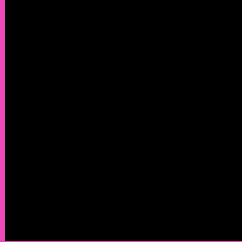
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 76.550, 341.231

Background



This preview shows how black text looks on a background with the CIELCh color 58, 76.550, 341.231.

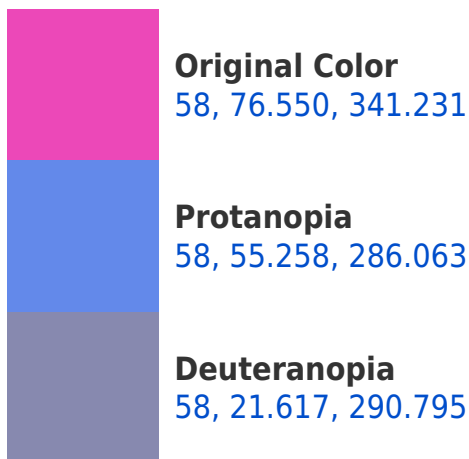


This preview shows how white text looks on a background with the CIELCh color 58, 76.550, 341.231.

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
58, 57.046, 23.902

Trichromacy



Original Color
58, 76.550, 341.231



Protanomaly
55, 59.983, 306.875



Deuteranomaly
56, 42.413, 323.666



Tritanomaly
58, 59.924, 4.980

Monochromacy



Original Color
58, 76.550, 341.231



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 32.558, 337.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 76.550, 341.231 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(236, 72, 184)` looks like.

```
.text, #text, p{  
    color:rgb(236, 72, 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(236, 72, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 72, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 76.550, 341.231 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(236, 72, 184) }
```

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

```
.border{ border-color:rgb(236, 72, 184) }
```

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

Here you see how a box with a 4 pixel rgb(236, 72, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 72, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 72, 184);  
box-shadow:4px 4px 4px 4px rgb(236, 72,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 76.550, 341.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 72, 184) }
```

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

```
.background{ background-color: rgb(236, 72,  
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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