

Converting Colors

CIELCh(58, 65.609, 352.925)

Have a look what the booklet for
CIELCh(58, 65.609, 352.925)
contains.

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Color

CIELCh(58, 65.652, 352.865)

Conversions

Conversions Part 1

Format	Color
Hex	EB529C
RGB	235, 82, 156
RGB Percent	92%, 32%, 61%
CMY	0.0800, 0.6799, 0.3896
CMYK	0.00, 0.65, 0.34, 0.08
HSL	331°, 79%, 62%
HSV	331°, 65%, 92%
XYZ	43.0916, 25.9610, 34.0408
YIQ	136.1830, 67.4340, 55.4500

Conversions

Conversions Part 2

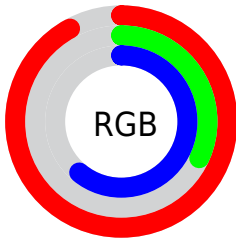
Format	Color
R _Y B	235, 82, 156
Decimal	15422108
CIE Lab	58.00, 65.14, -8.15
CIE LCh	58, 65.652, 352.865
Yxy	25.9610, 0.4180, 0.2518
Android (android.graphics.Color)	4293612188 (0xFFEB529C)
YUV	136.1830, 9.7698, 86.6625
Hunter-Lab	50.9519, 61.7969, -3.9451

Details

The CIELCh color **58, 65.652, 352.865** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **84, 61.901, 156.788**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 54.601, 342.252**, and **38, 65.702, 352.837** is the 20% darker color. If you saturate the color by 10%, you get **55, 72.235, 355.280**, and if you desaturate by 10%, it is **62, 57.262, 350.932**.

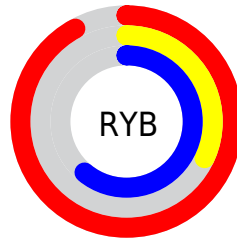
Distribution



Red (92%)

Green (32%)

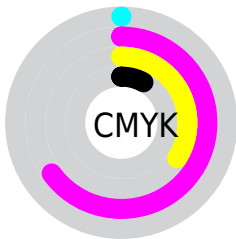
Blue (61%)



Red (92%)

Yellow (32%)

Blue (61%)

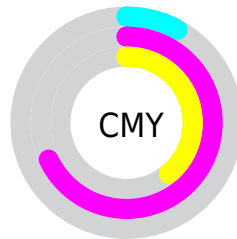


Cyan (0%)

Magenta (65%)

Yellow (34%)

Black (8%)



Cyan (8%)


Magenta (68%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 65.652, 352.865 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, 65.652, 352.865 by changing the saturation by 10% instead.


 58, 65.652,
352.865


 58, 65.652,
352.865


 100, 65.652,
352.865


 48, 65.652,
352.865


 78, 65.652,
352.865

 38, 65.652,
352.865

 88, 65.652,
352.865

 28, 65.652,
352.865

 98, 65.652,
352.865

 18, 65.652,
352.865

 8, 65.652, 352.865

 0, 65.652, 352.865

■ 58, 65.652,
352.865

■ 58, 65.652,
352.865

■ 55, 72.235,
355.280

■ 62, 57.262,
350.932

■ 52, 76.616,
358.340

■ 67, 47.624,
349.346

■ 51, 78.765, 2.207

■ 72, 37.259,
348.009

■ 50, 79.340, 4.287

■ 78, 26.585,
346.855

■ 84, 15.894,
345.833

■ 90, 5.377, 344.874

■ 96, 4.858, 164.242

■ 99, 7.148, 188.827

Harmonies

Complementary

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



58, 65.652, 352.865



84, 61.901, 156.788

Rectangle

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



58, 65.652, 352.865



58, 65.652, 42.865



58, 65.652, 172.865



58, 65.652, 222.865

Sweetspot

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



58, 65.648, 352.866



87, 22.476, 346.319



51, 88.247, 312.306



45, 15.371, 346.611



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, 65.648, 352.866



58, 78.670, 356.165



56, 67.382, 29.096



46, 5.897, 345.286



39, 65.398, 3.462



8, 28.464, 356.444

Inverse Universe

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



58, 65.648, 352.866



58, 78.670, 356.165



85, 41.016, 196.757



46, 5.897, 345.286



39, 65.398, 3.462



8, 28.464, 356.444

Previews

White Background



This preview shows how the CIELCh color 58, 65.652, 352.865 looks on a white background.

Color Contrast Check

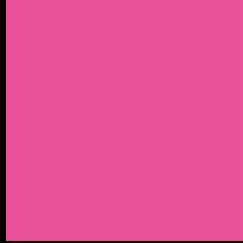
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.652, 352.865 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, 65.652, 352.865

Background



This preview shows how black text looks on a background with the CIELCh color 58, 65.652, 352.865.

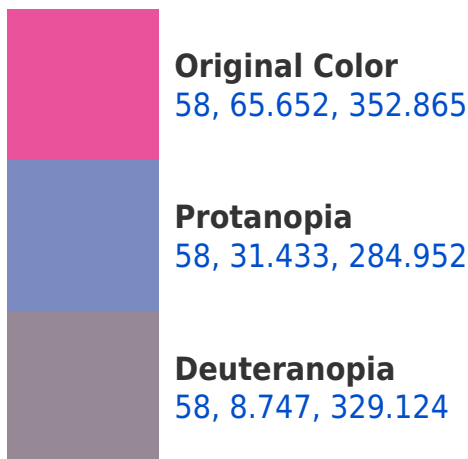


This preview shows how white text looks on a background with the CIELCh color 58, 65.652, 352.865.

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](#).

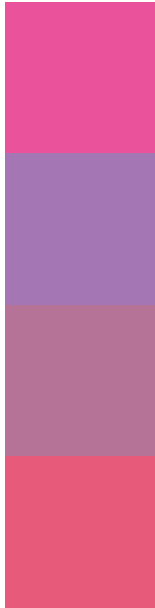
Dichromacy





Tritanopia
58, 57.931, 24.121

Trichromacy



Original Color
58, 65.652, 352.865

Protanomaly
56, 38.468, 318.875

Deuteranomaly
57, 31.779, 344.901

Tritanomaly
58, 58.620, 11.753

Monochromacy



Original Color
58, 65.652, 352.865

Achromatopsia
57, 0.007, 296.813

Achromatomaly
55, 26.732, 347.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 65.652, 352.865 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(235, 82, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 82, 156)  
}
```

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(235, 82, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 82, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 65.652, 352.865 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(235, 82, 156) }
```

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

```
.border{ border-color:rgb(235, 82, 156) }
```

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

Here you see how a box with a 4 pixel rgb(235, 82, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 82, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 82, 156);  
box-shadow:4px 4px 4px 4px rgb(235, 82,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 65.652, 352.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 82, 156) }
```

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

```
.background{ background-color: rgb(235, 82,  
156) }
```

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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