

Converting Colors

CIELCh(58, 54.866, 8.466)

Have a look what the booklet for
CIELCh(58, 54.866, 8.466) contains.

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Color

CIELCh(58, 54.817, 8.428)

Conversions

Conversions Part 1

Format	Color
Hex	E35F80
RGB	227, 95, 128
RGB Percent	89%, 37%, 50%
CMY	0.1111, 0.6286, 0.4991
CMYK	0.00, 0.58, 0.44, 0.11
HSL	345°, 70%, 63%
HSV	345°, 58%, 89%
XYZ	39.5203, 25.9610, 23.2562
YIQ	138.2300, 68.0790, 38.2470

Conversions

Conversions Part 2

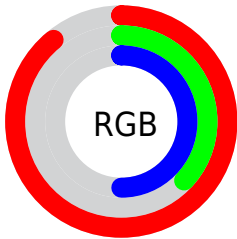
Format	Color
R _Y B	227, 95, 128
Decimal	14901120
CIE Lab	58.00, 54.23, 8.03
CIE LCh	58, 54.817, 8.428
Yxy	25.9610, 0.4454, 0.2926
Android (android.graphics.Color)	4293091200 (0xFFE35F80)
YUV	138.2300, -5.0434, 77.8513
Hunter-Lab	50.9519, 49.2857, 8.6043

Details

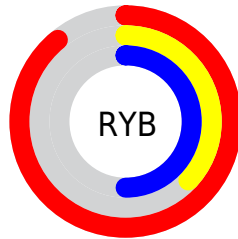
The CIELCh color **58, 54.817, 8.428** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **82, 44.361, 173.113**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.976, 1.434**, and **38, 54.895, 8.397** is the 20% darker color. If you saturate the color by 10%, you get **54, 63.401, 11.425**, and if you desaturate by 10%, it is **63, 45.453, 6.064**.

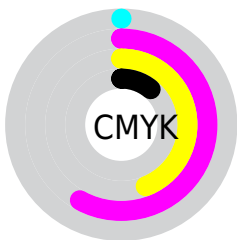
Distribution



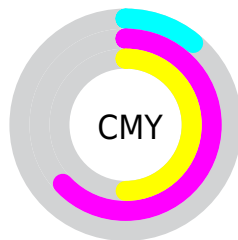
- Red (89%)
- Green (37%)
- Blue (50%)



- Red (89%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (44%)
- Black (11%)




- Cyan (11%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 54.817, 8.428 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, 54.817, 8.428 by changing the saturation by 10% instead.

 58, 54.817, 8.428  58, 54.817, 8.428

 100, 54.817, 8.428  48, 54.817, 8.428

 78, 54.817, 8.428  38, 54.817, 8.428


 88, 54.817, 8.428  28, 54.817, 8.428

 98, 54.817, 8.428  18, 54.817, 8.428

 8, 54.817, 8.428

 0, 54.817, 8.428

 58, 54.817, 8.428  58, 54.817, 8.428

 54, 63.401, 11.425  63, 45.453, 6.064

 51, 70.835, 15.214  68, 35.729, 4.171

49, 76.946, 19.900

73, 25.981, 2.627

48, 81.978, 25.330

79, 16.442, 1.335

48, 82.881, 26.280

85, 7.249, 0.210

91, 1.530, 179.705

97, 9.875, 178.587

98, 9.621, 198.867

Harmonies

Complementary

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



58, 54.817, 8.428



82, 44.361, 173.113

Rectangle

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



58, 54.817, 8.428



58, 54.817, 58.428



58, 54.817, 188.428



58, 54.817, 238.428

Sweetspot

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



58, 54.814, 8.430



89, 16.841, 1.205



57, 78.021, 319.098



46, 11.314, 1.445



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, 54.814, 8.430



60, 71.244, 12.199



63, 49.651, 43.100



44, 4.983, 0.343



37, 68.076, 25.235



6, 25.297, 10.226

Inverse Universe

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



58, 54.814, 8.430



60, 71.244, 12.199



74, 31.879, 229.482



44, 4.983, 0.343



37, 68.076, 25.235



6, 25.297, 10.226

Previews

White Background



This preview shows how the CIELCh color 58, 54.817, 8.428 looks on a white background.

Color Contrast Check

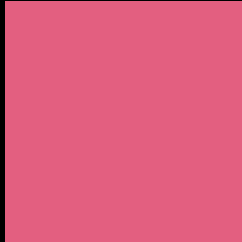
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.817, 8.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

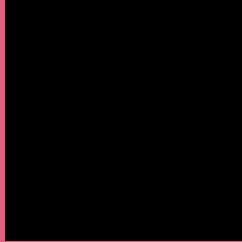
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 54.817, 8.428

Background



This preview shows how black text looks on a background with the CIELCh color 58, 54.817, 8.428.

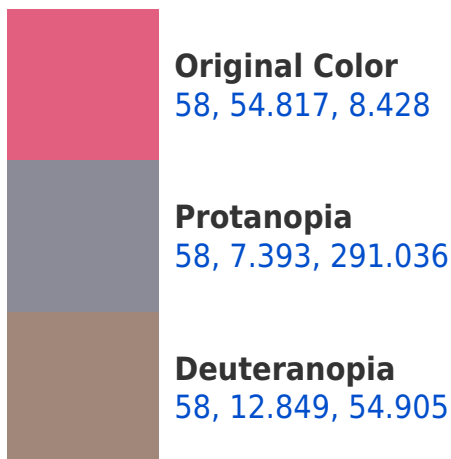


This preview shows how white text looks on a background with the CIELCh color 58, 54.817, 8.428.

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](#).

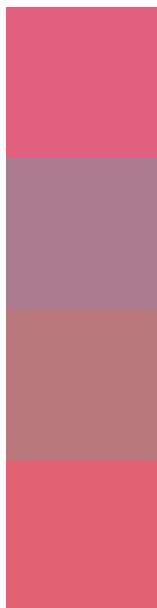
Dichromacy





Tritanopia
58, 53.832, 22.587

Trichromacy



Original Color
58, 54.817, 8.428

Protanomaly
57, 22.063, 351.165

Deuteranomaly
57, 26.863, 17.762

Tritanomaly
58, 54.084, 17.209

Monochromacy



Original Color
58, 54.817, 8.428

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 20.554, 2.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 54.817, 8.428 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(227, 95, 128)` looks like.

```
.text, #text, p{  
  color:rgb(227, 95, 128)  
}
```

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(227, 95, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 95, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 54.817, 8.428 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(227, 95, 128) }
```

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

```
.border{ border-color:rgb(227, 95, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 95, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 95, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 95, 128); box-shadow:4px 4px 4px 4px rgb(227, 95, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 54.817, 8.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 95, 128) }
```

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

```
.background{ background-color: rgb(227, 95,  
128) }
```

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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