

Converting Colors

CIELCh(59, 55.869, 1.085)

Have a look what the booklet for
CIELCh(59, 55.869, 1.085) contains.

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Color

CIELCh(59, 55.889, 1.146)

Conversions

Conversions Part 1

Format	Color
Hex	E5608E
RGB	229, 96, 142
RGB Percent	90%, 38%, 56%
CMY	0.1014, 0.6230, 0.4427
CMYK	0.00, 0.58, 0.38, 0.10
HSL	339°, 72%, 64%
HSV	339°, 58%, 90%
XYZ	41.4452, 27.0277, 28.6720
YIQ	141.0110, 64.5020, 42.5020

Conversions

Conversions Part 2

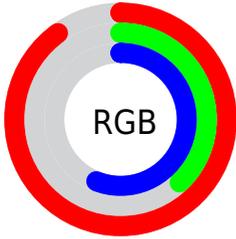
Format	Color
R _{YB}	229, 96, 142
Decimal	15032462
CIE Lab	59.00, 55.88, 1.12
CIE LCh	59, 55.889, 1.146
Yxy	27.0277, 0.4266, 0.2782
Android (android.graphics.Color)	4293222542 (0xFFE5608E)
YUV	141.0110, 0.4876, 77.1664
Hunter-Lab	51.9882, 51.3215, 3.6927

Details

The CIELCh color **59, 55.889, 1.146** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **83, 48.641, 166.193**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 44.914, 351.948**, and **39, 55.710, 1.040** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.000, 3.819**, and if you desaturate by 10%, it is **64, 46.718, 359.022**.

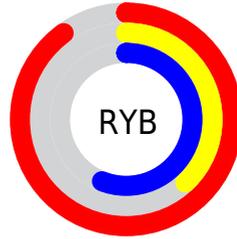
Distribution



Red (90%)

Green (38%)

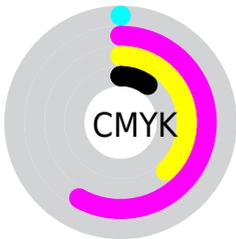
Blue (56%)



Red (90%)

Yellow (38%)

Blue (56%)

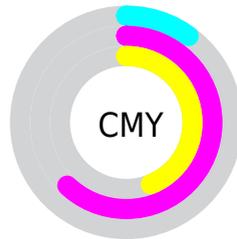


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (10%)



Cyan (10%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 55.889, 1.146 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 59, 55.889, 1.146 by changing the saturation by 10% instead.

 59, 55.889, 1.146

 59, 55.889, 1.146

 100, 55.889, 1.146

 49, 55.889, 1.146

 79, 55.889, 1.146

 39, 55.889, 1.146

 89, 55.889, 1.146

 29, 55.889, 1.146

 99, 55.889, 1.146

 19, 55.889, 1.146

 9, 55.889, 1.146

 0, 55.889, 1.146

 59, 55.889, 1.146

 59, 55.889, 1.146

 55, 64.000, 3.819

 64, 46.718,
359.022

 52, 70.617, 7.213

50, 75.513, 11.497

69, 36.966,
357.296

49, 78.953, 16.690

74, 27.015,
355.861

49, 79.614, 17.731

80, 17.139,
354.638

86, 7.509, 353.552

92, 1.781, 172.987

98, 9.865, 174.600

98, 8.805, 198.924

Harmonies

Complementary

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



59, 55.889, 1.146



83, 48.641, 166.193

Rectangle

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



59, 55.889, 1.146



59, 55.889, 51.146



59, 55.889, 181.146



59, 55.889, 231.146

Sweetspot

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



59, 55.886, 1.148



89, 17.582, 354.531



56, 78.026, 316.526



46, 11.798, 354.762



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

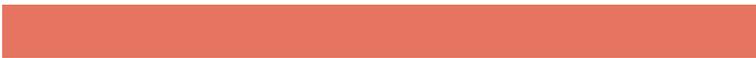
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 55.886, 1.148



60, 71.248, 4.551



62, 52.418, 36.564



45, 5.322, 353.702



38, 65.793, 16.724



7, 26.731, 5.818

Inverse Universe

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



59, 55.886, 1.148



60, 71.248, 4.551



78, 32.867, 216.512



45, 5.322, 353.702



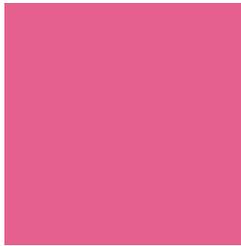
38, 65.793, 16.724



7, 26.731, 5.818

Previews

White Background



This preview shows how the CIELCh color 59, 55.889, 1.146 looks on a white background.

Color Contrast Check

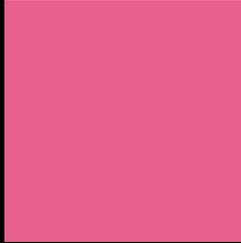
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 55.889, 1.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

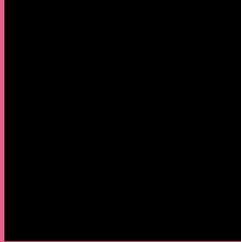
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 55.889, 1.146

Background



This preview shows how black text looks on a background with the CIELCh color 59, 55.889, 1.146.



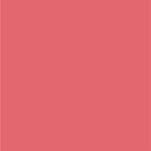
This preview shows how white text looks on a background with the CIELCh color 59, 55.889, 1.146.

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
59, 52.745, 22.181

Trichromacy



Original Color
59, 55.889, 1.146

Protanomaly
58, 25.986, 334.557

Deuteranomaly
58, 26.318, 3.948

Tritanomaly
59, 52.847, 14.293

Monochromacy



Original Color
59, 55.889, 1.146

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 21.128, 356.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 55.889, 1.146 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(229, 96, 142)` looks like.

```
.text, #text, p{  
    color:rgb(229, 96, 142)  
}
```

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(229, 96, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 96, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 55.889, 1.146 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(229, 96, 142) }
```

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

```
.border{ border-color:rgb(229, 96, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 96, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 96, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 96, 142);  
box-shadow:4px 4px 4px 4px rgb(229, 96,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 55.889, 1.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 96, 142) }
```

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

```
.background{ background-color: rgb(229, 96,  
142) }
```

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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