

Converting Colors

CIELCh(57, 55.793, 6.851)

Have a look what the booklet for
CIELCh(57, 55.793, 6.851) contains.

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Color

CIELCh(57, 55.762, 6.784)

Conversions

Conversions Part 1

Format	Color
Hex	E15B80
RGB	225, 91, 128
RGB Percent	88%, 36%, 50%
CMY	0.1191, 0.6444, 0.4993
CMYK	0.00, 0.60, 0.43, 0.12
HSL	343°, 69%, 62%
HSV	343°, 60%, 88%
XYZ	38.5237, 24.9227, 23.0951
YIQ	135.2840, 67.9870, 39.9150

Conversions

Conversions Part 2

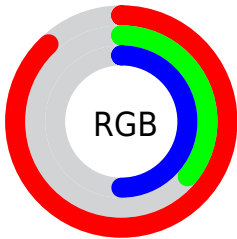
Format	Color
R _Y B	225, 91, 128
Decimal	14769024
CIE Lab	57.00, 55.37, 6.59
CIE LCh	57, 55.762, 6.784
Yxy	24.9227, 0.4451, 0.2880
Android (android.graphics.Color)	4292959104 (0xFFE15B80)
YUV	135.2840, -3.5910, 78.6809
Hunter-Lab	49.9226, 50.3782, 7.5172

Details

The CIELCh color **57, 55.762, 6.784** 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, 45.916, 170.895**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.992, 359.852**, and **37, 55.632, 6.879** is the 20% darker color. If you saturate the color by 10%, you get **53, 63.952, 9.806**, and if you desaturate by 10%, it is **61, 46.659, 4.400**.

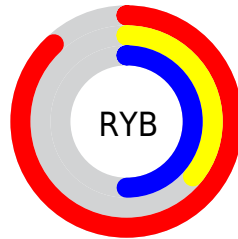
Distribution



Red (88%)

Green (36%)

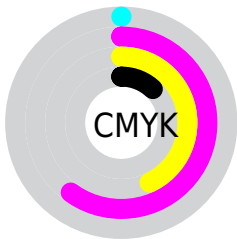
Blue (50%)



Red (88%)

Yellow (36%)

Blue (50%)

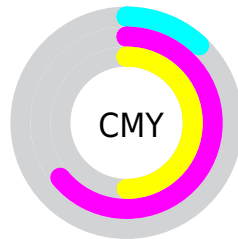


Cyan (0%)

Magenta (60%)

Yellow (43%)

Black (12%)



Cyan (12%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 55.762, 6.784 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, 55.762, 6.784 by changing the saturation by 10% instead.

 57, 55.762, 6.784  57, 55.762, 6.784

 100, 55.762, 6.784  47, 55.762, 6.784

 77, 55.762, 6.784  37, 55.762, 6.784

 87, 55.762, 6.784  27, 55.762, 6.784

 97, 55.762, 6.784  17, 55.762, 6.784

 7, 55.762, 6.784

 0, 55.762, 6.784

 57, 55.762, 6.784  57, 55.762, 6.784

 53, 63.952, 9.806  61, 46.659, 4.400

 50, 70.867, 13.629  67, 37.080, 2.488

48, 76.372, 18.367

72, 27.383, 0.926

47, 80.871, 23.818

78, 17.826,
359.618

47, 81.040, 24.012

84, 8.567, 358.482

90, 0.311, 179.293

96, 8.778, 176.813

98, 10.294,
198.820

Harmonies

Complementary

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



57, 55.762, 6.784



82, 45.916, 170.895

Rectangle

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



57, 55.762, 6.784



57, 55.762, 56.784



57, 55.762, 186.784



57, 55.762, 236.784

Sweetspot

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



57, 55.759, 6.786



88, 18.057, 359.437



55, 79.040, 318.614



45, 12.620, 359.791



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, 55.759, 6.786



59, 72.727, 10.815



62, 51.204, 41.810



44, 5.042, 358.461



37, 67.094, 22.991



6, 25.323, 8.935

Inverse Universe

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



57, 55.759, 6.786



59, 72.727, 10.815



74, 32.186, 227.096



44, 5.042, 358.461



37, 67.094, 22.991



6, 25.323, 8.935

Previews

White Background



This preview shows how the CIELCh color 57, 55.762, 6.784 looks on a white background.

Color Contrast Check

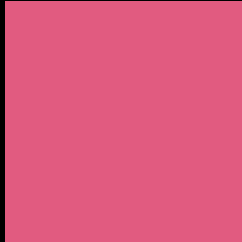
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.762, 6.784 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, 55.762, 6.784

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.762, 6.784.

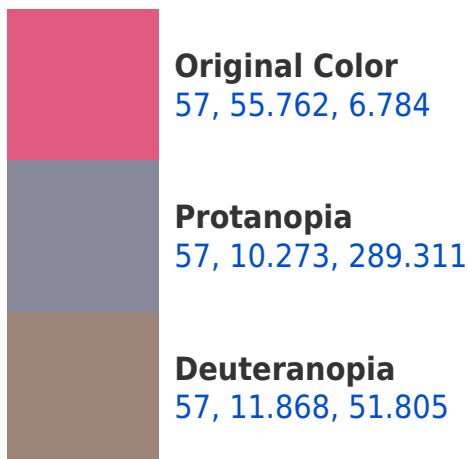


This preview shows how white text looks on a background with the CIELCh color 57, 55.762, 6.784.

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, 54.589, 23.427

Trichromacy



Original Color
57, 55.762, 6.784

Protanomaly
56, 23.226, 346.235

Deuteranomaly
56, 26.931, 15.455

Tritanomaly
57, 54.644, 17.539

Monochromacy



Original Color
57, 55.762, 6.784

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 21.164, 1.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.762, 6.784 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(225, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 91, 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(225, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 91, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.762, 6.784 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(225, 91, 128) }
```

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

```
.border{ border-color:rgb(225, 91, 128) }
```

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

Here you see how a box with a 4 pixel rgb(225, 91, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(225, 91,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.762, 6.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 91, 128) }
```

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

```
.background{ background-color: rgb(225, 91,  
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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