

Converting Colors

CIELCh(57, 62.495, 6.672)

Have a look what the booklet for
CIELCh(57, 62.495, 6.672) contains.

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Color

CIELCh(57, 62.695, 6.573)

Conversions

Conversions Part 1

Format	Color
Hex	EA517F
RGB	234, 81, 127
RGB Percent	92%, 32%, 50%
CMY	0.0822, 0.6822, 0.5018
CMYK	0.00, 0.65, 0.46, 0.08
HSL	342°, 78%, 62%
HSV	342°, 65%, 92%
XYZ	40.7229, 24.9227, 22.7542
YIQ	131.9910, 76.4220, 46.7420

Conversions

Conversions Part 2

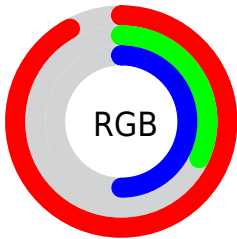
Format	Color
R_{YB}	234, 81, 127
Decimal	15356287
CIE _{Lab}	57.00, 62.28, 7.18
CIE _{LCh}	57, 62.695, 6.573
Yxy	24.9227, 0.4607, 0.2819
Android (android.graphics.Color)	4293546367 (0xFFEA517F)
YUV	131.9910, -2.4606, 89.4619
Hunter-Lab	49.9226, 58.2414, 7.9220

Details

The CIELCh color **57, 62.695, 6.573** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **84, 51.976, 168.185**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 48.906, 357.736**, and **37, 62.676, 6.727** is the 20% darker color. If you saturate the color by 10%, you get **54, 70.202, 9.968**, and if you desaturate by 10%, it is **61, 53.912, 3.903**.

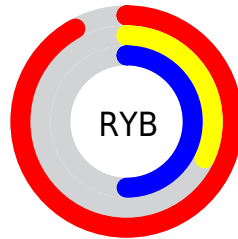
Distribution



Red (92%)

Green (32%)

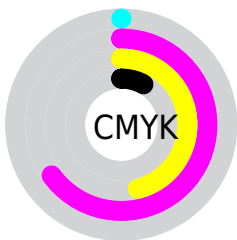
Blue (50%)



Red (92%)

Yellow (32%)

Blue (50%)

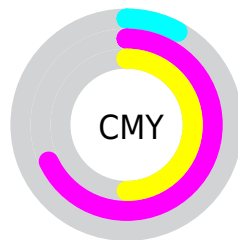


Cyan (0%)

Magenta (65%)

Yellow (46%)

Black (8%)



Cyan (8%)

Magenta (68%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 62.695, 6.573 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, 62.695, 6.573 by changing the saturation by 10% instead.

 57, 62.695, 6.573  57, 62.695, 6.573

 100, 62.695, 6.573  47, 62.695, 6.573


 77, 62.695, 6.573  37, 62.695, 6.573

 87, 62.695, 6.573  27, 62.695, 6.573

 97, 62.695, 6.573  17, 62.695, 6.573

 7, 62.695, 6.573

 0, 62.695, 6.573

 57, 62.695, 6.573  57, 62.695, 6.573

 54, 70.202, 9.968  61, 53.912, 3.903

 51, 76.165, 14.244  66, 44.310, 1.778

50, 80.678, 19.448

71, 34.324, 0.056

49, 82.580, 22.005

77, 24.297,
358.630

83, 14.461,
357.415

89, 4.952, 356.312

96, 4.162, 175.648

99, 7.173, 199.044

Harmonies

Complementary

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



57, 62.695, 6.573



84, 51.976, 168.185

Rectangle

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



57, 62.695, 6.573



57, 62.695, 56.573



57, 62.695, 186.573



57, 62.695, 236.573

Sweetspot

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



57, 62.691, 6.575



87, 20.350, 357.967



54, 88.336, 317.701



44, 13.952, 358.315



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, 62.691, 6.575



57, 76.991, 11.150



61, 60.346, 39.797



46, 5.292, 356.765



38, 67.753, 20.967



7, 27.799, 9.331

Inverse Universe

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



57, 62.691, 6.575



57, 76.991, 11.150



77, 35.365, 222.824



46, 5.292, 356.765



38, 67.753, 20.967



7, 27.799, 9.331

Previews

White Background



This preview shows how the CIELCh color 57, 62.695, 6.573 looks on a white background.

Color Contrast Check

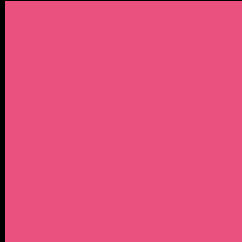
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.695, 6.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

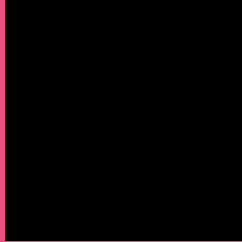
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 62.695, 6.573

Background



This preview shows how black text looks on a background with the CIELCh color 57, 62.695, 6.573.

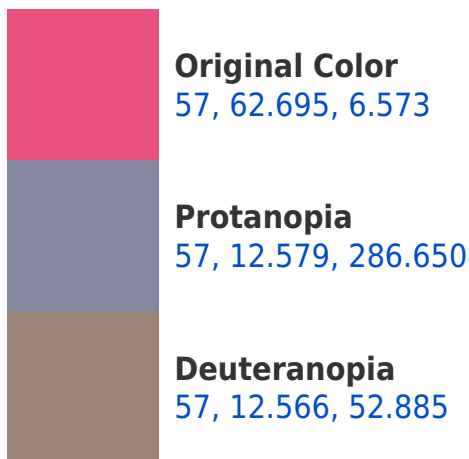


This preview shows how white text looks on a background with the CIELCh color 57, 62.695, 6.573.

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](#).

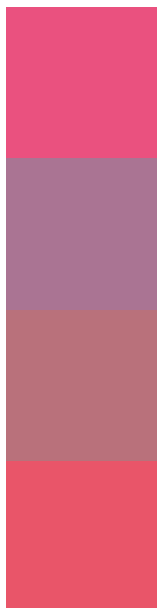
Dichromacy





Tritanopia
57, 62.257, 25.773

Trichromacy



Original Color
57, 62.695, 6.573

Protanomaly
55, 27.323, 342.542

Deuteranomaly
56, 30.428, 12.597

Tritanomaly
57, 61.835, 18.874

Monochromacy



Original Color
57, 62.695, 6.573

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 24.621, 359.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 62.695, 6.573 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(234, 81, 127)` looks like.

```
.text, #text, p{  
    color:rgb(234, 81, 127)  
}
```

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(234, 81, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 81, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 62.695, 6.573 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(234, 81, 127) }
```

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

```
.border{ border-color:rgb(234, 81, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 81, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 81, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 81, 127); box-shadow:4px 4px 4px 4px rgb(234, 81, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 62.695, 6.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 81, 127) }
```

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

```
.background{ background-color: rgb(234, 81,  
127) }
```

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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