

Converting Colors

CIELCh(57, 56.063, 4.061)

Have a look what the booklet for
CIELCh(57, 56.063, 4.061) contains.

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Color

CIELCh(57, 56.038, 3.996)

Conversions

Conversions Part 1

Format	Color
Hex	E05A84
RGB	224, 90, 132
RGB Percent	88%, 35%, 52%
CMY	0.1204, 0.6460, 0.4814
CMYK	0.00, 0.60, 0.41, 0.12
HSL	341°, 69%, 62%
HSV	341°, 60%, 88%
XYZ	38.6895, 24.9227, 24.6882
YIQ	134.8540, 66.3820, 41.4700

Conversions

Conversions Part 2

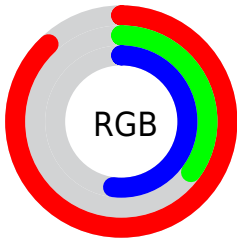
Format	Color
R _Y B	224, 90, 132
Decimal	14703236
CIE Lab	57.00, 55.90, 3.91
CIE LCh	57, 56.038, 3.996
Yxy	24.9227, 0.4382, 0.2822
Android (android.graphics.Color)	4292893316 (0xFFE05A84)
YUV	134.8540, -1.4070, 78.1810
Hunter-Lab	49.9226, 50.9711, 5.6252

Details

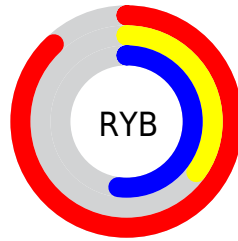
The CIELCh color **57, 56.038, 3.996** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **81, 47.495, 168.184**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.082, 356.929**, and **37, 55.965, 3.753** is the 20% darker color. If you saturate the color by 10%, you get **53, 63.970, 6.900**, and if you desaturate by 10%, it is **61, 47.080, 1.700**.

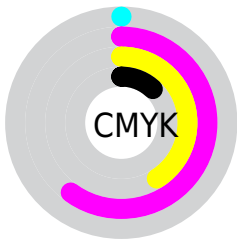
Distribution



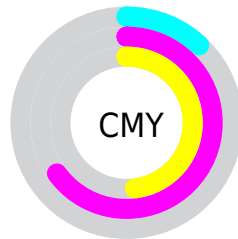
- Red (88%)
- Green (35%)
- Blue (52%)



- Red (88%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 56.038, 3.996 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, 56.038, 3.996 by changing the saturation by 10% instead.

 57, 56.038, 3.996  57, 56.038, 3.996

 100, 56.038, 3.996  47, 56.038, 3.996

 77, 56.038, 3.996  37, 56.038, 3.996

 87, 56.038, 3.996  27, 56.038, 3.996

 97, 56.038, 3.996  17, 56.038, 3.996

 7, 56.038, 3.996

 0, 56.038, 3.996

 57, 56.038, 3.996  57, 56.038, 3.996

 53, 63.970, 6.900  61, 47.080, 1.700

 50, 70.493, 10.582  66, 37.554,

■ 48, 75.459, 15.185 359.850

■ 47, 79.313, 20.568 ■ 72, 27.836,
358.328

■ 47, 79.412, 20.700 ■ 78, 18.201,
357.045

■ 83, 8.820, 355.924

■ 89, 0.214, 177.443

■ 96, 8.859, 174.252

■ 98, 10.406,
198.812

Harmonies

Complementary

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



57, 56.038, 3.996



81, 47.495, 168.184

Rectangle

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



57, 56.038, 3.996



57, 56.038, 53.996



57, 56.038, 183.996



57, 56.038, 233.996

Sweetspot

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



57, 56.035, 3.998



88, 18.353, 356.854



55, 78.912, 317.590



45, 12.819, 357.202



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, 56.035, 3.998



59, 72.639, 7.831



61, 52.251, 39.220



44, 5.134, 355.891



37, 65.910, 19.689



6, 25.385, 6.978

Inverse Universe

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



57, 56.035, 3.998



59, 72.639, 7.831



75, 32.423, 221.832



44, 5.134, 355.891



37, 65.910, 19.689



6, 25.385, 6.978

Previews

White Background



This preview shows how the CIELCh color 57, 56.038, 3.996 looks on a white background.

Color Contrast Check

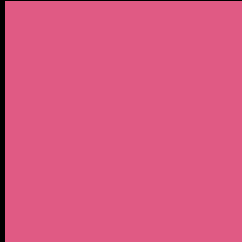
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 56.038, 3.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

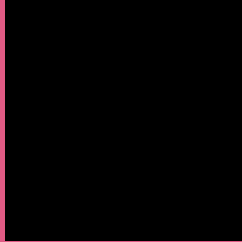
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 56.038, 3.996

Background



This preview shows how black text looks on a background with the CIELCh color 57, 56.038, 3.996.

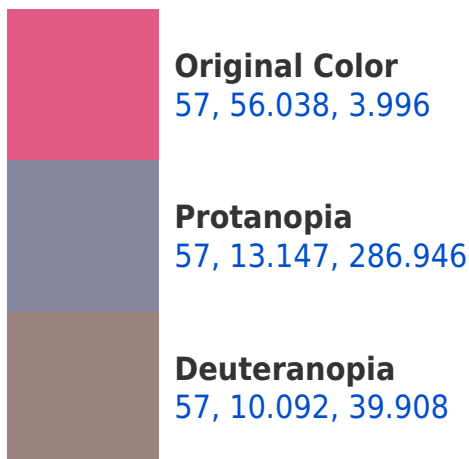


This preview shows how white text looks on a background with the CIELCh color 57, 56.038, 3.996.

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, 54.034, 22.771

Trichromacy



Original Color
57, 56.038, 3.996

Protanomaly
56, 24.916, 339.048

Deuteranomaly
56, 26.604, 9.219

Tritanomaly
57, 54.032, 15.637

Monochromacy



Original Color
57, 56.038, 3.996

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 21.105, 358.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 56.038, 3.996 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(224, 90, 132)` looks like.

```
.text, #text, p{  
    color:rgb(224, 90, 132)  
}
```

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(224, 90, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 90, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 56.038, 3.996 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(224, 90, 132) }
```

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

```
.border{ border-color:rgb(224, 90, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 90, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 90, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 90, 132);  
box-shadow:4px 4px 4px 4px rgb(224, 90,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 56.038, 3.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 90, 132) }
```

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

```
.background{ background-color: rgb(224, 90,  
132) }
```

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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