

Converting Colors

CIELCh(56, 68.491, 4.588)

Have a look what the booklet for
CIELCh(56, 68.491, 4.588) contains.

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Color

CIELCh(56, 68.513, 4.354)

Conversions

Conversions Part 1

Format	Color
Hex	EE4480
RGB	238, 68, 128
RGB Percent	93%, 27%, 50%
CMY	0.0661, 0.7328, 0.4976
CMYK	0.00, 0.71, 0.46, 0.07
HSL	339°, 83%, 60%
HSV	339°, 71%, 93%
XYZ	41.2836, 23.9124, 22.8990
YIQ	125.6700, 82.0600, 54.7000

Conversions

Conversions Part 2

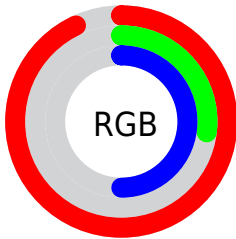
Format	Color
RYB	238, 68, 128
Decimal	15615104
CIELab	56.00, 68.32, 5.20
CIElCh	56, 68.513, 4.354
Yxy	23.9124, 0.4686, 0.2714
Android (android.graphics.Color)	4293805184 (0xFFEE4480)
YUV	125.6700, 1.1487, 98.5134
Hunter-Lab	48.9003, 65.1210, 6.4660

Details

The CIELCh color **56, 68.513, 4.354** 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 **85, 59.090, 163.484**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 54.131, 354.426**, and **37, 63.925, 6.732** is the 20% darker color. If you saturate the color by 10%, you get **53, 74.657, 8.014**, and if you desaturate by 10%, it is **60, 60.670, 1.478**.

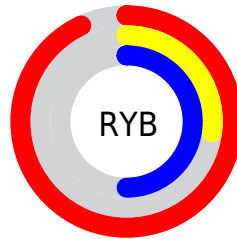
Distribution



Red (93%)

Green (27%)

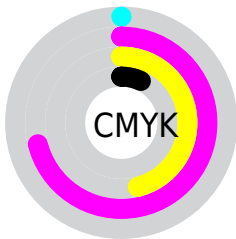
Blue (50%)



Red (93%)

Yellow (27%)

Blue (50%)

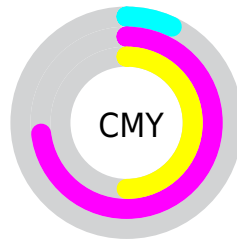


Cyan (0%)

Magenta (71%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 68.513, 4.354 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 56, 68.513, 4.354 by changing the saturation by 10% instead.

 56, 68.513, 4.354  56, 68.513, 4.354

 100, 68.513, 4.354  46, 68.513, 4.354

 76, 68.513, 4.354  36, 68.513, 4.354

 86, 68.513, 4.354  26, 68.513, 4.354

 96, 68.513, 4.354  16, 68.513, 4.354

 6, 68.513, 4.354

 0, 68.513, 4.354

 56, 68.513, 4.354  56, 68.513, 4.354

 53, 74.657, 8.014  60, 60.670, 1.478

 51, 79.011, 12.604  64, 51.549,

■ 50, 81.789, 17.198

359.200

■ 69, 41.645,
357.363

■ 75, 31.399,
355.847

■ 81, 21.136,
354.566

■ 87, 11.070,
353.448

■ 93, 1.325, 352.141

■ 99, 6.137, 181.805

■ 99, 5.795, 199.153

Harmonies

Complementary

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



56, 68.513, 4.354



85, 59.090, 163.484

Rectangle

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



56, 68.513, 4.354



56, 68.513, 54.354



56, 68.513, 184.354



56, 68.513, 234.354

Sweetspot

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



56, 68.509, 4.356



86, 21.933, 354.529



51, 96.279, 316.260



44, 14.903, 354.864



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 68.509, 4.356



56, 81.112, 10.158



58, 69.975, 37.484



47, 5.537, 353.246



39, 67.055, 16.187



8, 28.760, 6.887

Inverse Universe

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



56, 68.509, 4.356



56, 81.112, 10.158



80, 38.297, 215.672



47, 5.537, 353.246



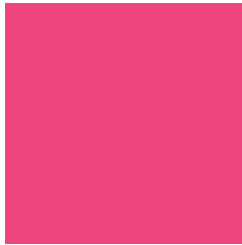
39, 67.055, 16.187



8, 28.760, 6.887

Previews

White Background



This preview shows how the CIELCh color 56, 68.513, 4.354 looks on a white background.

Color Contrast Check

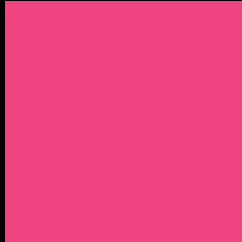
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 68.513, 4.354 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 56, 68.513, 4.354

Background



This preview shows how black text looks on a background with the CIELCh color 56, 68.513, 4.354.



This preview shows how white text looks on a background with the CIELCh color 56, 68.513, 4.354.

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



Original Color

56, 68.513, 4.354

Protanopia

56, 18.958, 286.023

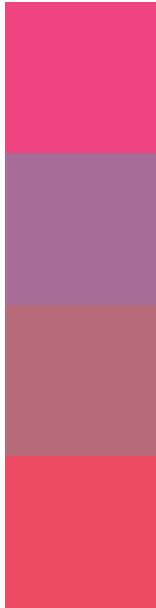
Deuteranopia

56, 11.216, 50.567



Tritanopia
56, 67.938, 27.739

Trichromacy



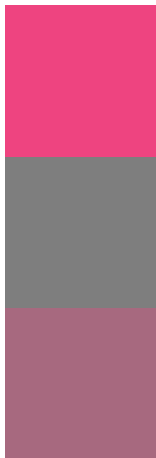
Original Color
56, 68.513, 4.354

Protanomaly
53, 32.886, 335.041

Deuteranomaly
54, 32.411, 8.572

Tritanomaly
56, 66.769, 19.404

Monochromacy



Original Color
56, 68.513, 4.354

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 27.964, 356.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 68.513, 4.354 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(238, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 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(238, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 68.513, 4.354 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(238, 68, 128) }
```

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

```
.border{ border-color:rgb(238, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 68.513, 4.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 128) }
```

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

```
.background{ background-color: rgb(238, 68,  
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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