

Converting Colors

CIELCh(68, 97.384, 14.143)

Have a look what the booklet for
CIELCh(68, 97.384, 14.143) contains.

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Color

CIELCh(56, 80.377, 4.078)

Conversions

Conversions Part 1

Format	Color
Hex	FE2680
RGB	254, 38, 128
RGB Percent	100%, 15%, 50%
CMY	0.0056, 0.8519, 0.4986
CMYK	0.00, 0.85, 0.50, 0.01
HSL	335°, 99%, 57%
HSV	335°, 85%, 99%
XYZ	45.2848, 23.9124, 22.6030
YIQ	112.8440, 99.8460, 73.7820

Conversions

Conversions Part 2

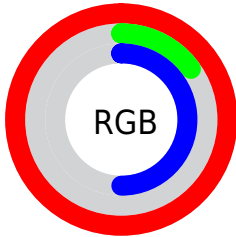
Format	Color
R_YB	254, 38, 128
Decimal	16656000
CIE Lab	56.00, 80.17, 5.72
CIE LCh	56, 80.377, 4.078
Yxy	23.9124, 0.4933, 0.2605
Android (android.graphics.Color)	4294846080 (0xFFFE2680)
YUV	112.8440, 7.4719, 123.7938
Hunter-Lab	48.9003, 79.7268, 6.8248

Details

The CIELCh color **56, 80.377, 4.078** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 74.657, 156.588**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 62.310, 351.513**, and **41, 68.113, 10.479** is the 20% darker color. If you saturate the color by 10%, you get **55, 83.334, 8.602**, and if you desaturate by 10%, it is **59, 75.313, 0.480**.

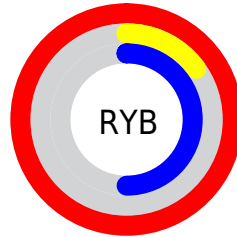
Distribution



Red (100%)

Green (15%)

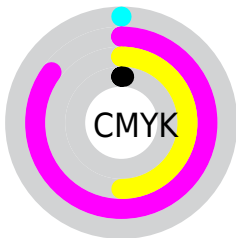
Blue (50%)



Red (100%)

Yellow (15%)

Blue (50%)

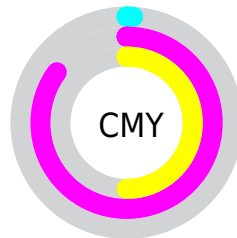


Cyan (0%)

Magenta (85%)

Yellow (50%)

Black (1%)



Cyan (1%)

Magenta (85%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 80.377, 4.078 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, 80.377, 4.078 by changing the saturation by 10% instead.

 56, 80.377, 4.078  56, 80.377, 4.078

 100, 80.377, 4.078  46, 80.377, 4.078

 76, 80.377, 4.078  36, 80.377, 4.078

 86, 80.377, 4.078  26, 80.377, 4.078

 96, 80.377, 4.078  16, 80.377, 4.078

 6, 80.377, 4.078

 0, 80.377, 4.078

 56, 80.377, 4.078  56, 80.377, 4.078

 55, 83.334, 8.602  59, 75.313, 0.480

 54, 84.360, 11.072  62, 68.115,

357.652

66, 59.162,
355.414

72, 49.011,
353.606

77, 38.196,
352.110

83, 27.142,
350.839

90, 16.142,
349.732

96, 5.379, 348.704

100, 0.500,
200.700

Harmonies

Complementary

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



56, 80.377, 4.078



89, 74.657, 156.588

Rectangle

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



56, 80.377, 4.078



56, 80.377, 54.078



56, 80.377, 184.078



56, 80.377, 234.078

Sweetspot

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



56, 80.373, 4.079



83, 28.257, 350.946



47, 114.962, 314.203



42, 19.208, 351.370



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, 80.373, 4.079



54, 84.725, 11.089



56, 92.021, 37.755



50, 6.052, 349.159



41, 68.145, 10.102



10, 31.344, 3.304

Inverse Universe

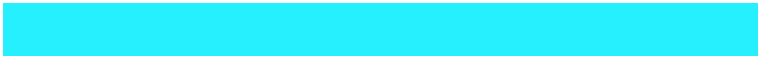
The Inverse Universe completely reimagines the original color for something new.



56, 80.373, 4.079



54, 84.725, 11.089



87, 44.973, 206.447



50, 6.052, 349.159



41, 68.145, 10.102



10, 31.344, 3.304

Previews

White Background



This preview shows how the CIELCh color 56, 80.377, 4.078 looks on a white background.

Color Contrast Check

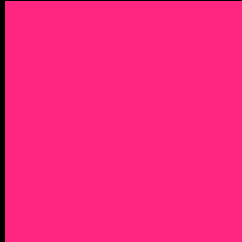
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.377, 4.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

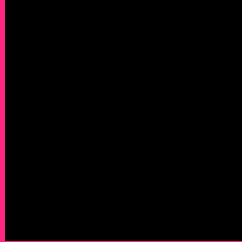
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 80.377, 4.078

Background



This preview shows how black text looks on a background with the CIELCh color 56, 80.377, 4.078.



This preview shows how white text looks on a background with the CIELCh color 56, 80.377, 4.078.

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, 80.447, 4.129

Protanopia

56, 26.452, 285.307

Deuteranopia

56, 12.247, 53.931



Tritanopia
56, 82.977, 32.143

Trichromacy



Original Color
56, 80.447, 4.129



Protanomaly
52, 43.826, 331.022



Deuteranomaly
53, 40.591, 4.237



Tritanomaly
56, 79.704, 22.253

Monochromacy



Original Color
56, 80.447, 4.129



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 36.119, 354.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 80.377, 4.078 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(254, 38, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 38, 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(254, 38, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 38, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 80.377, 4.078 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(254, 38, 128) }
```

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

```
.border{ border-color:rgb(254, 38, 128) }
```

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

Here you see how a box with a 4 pixel rgb(254, 38, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 38, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 38, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 38,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 80.377, 4.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 38, 128) }
```

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

```
.background{ background-color: rgb(254, 38,  
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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