

Converting Colors

CIELCh(56, 93.116, 337.893)

Have a look what the booklet for
CIELCh(56, 93.116, 337.893)
contains.

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Color

CIELCh(56, 93.155, 337.880)

Conversions

Conversions Part 1

Format	Color
Hex	F31CC5
RGB	243, 28, 197
RGB Percent	95%, 11%, 77%
CMY	0.0471, 0.8902, 0.2275
CMYK	0.00, 0.88, 0.19, 0.05
HSL	313°, 90%, 53%
HSV	313°, 88%, 95%
XYZ	47.4492, 23.9124, 54.9318
YIQ	111.5510, 73.8910, 98.1390

Conversions

Conversions Part 2

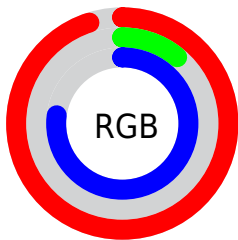
Format	Color
R _Y B	243, 28, 197
Decimal	15932613
CIE _{Lab}	56.00, 86.30, -35.08
CIE _{LCh}	56, 93.155, 337.880
Y _{xy}	23.9124, 0.3757, 0.1893
Android (android.graphics.Color)	4294122693 (0xFFFF31CC5)
YUV	111.5510, 42.1264, 115.2808
Hunter-Lab	48.9003, 87.6274, -32.3727

Details

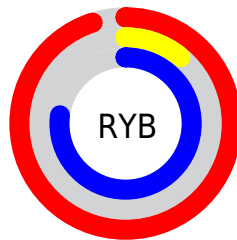
The CIELCh color **56, 93.155, 337.880** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **84, 102.006, 140.445**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.688, 327.597**, and **41, 76.030, 339.025** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.135, 339.062**, and if you desaturate by 10%, it is **58, 89.458, 336.855**.

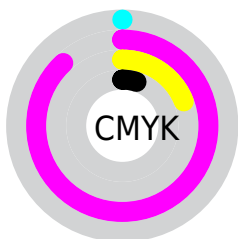
Distribution



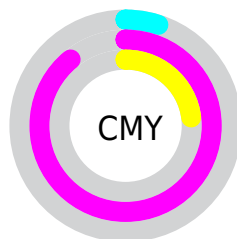
- Red (95%)
- Green (11%)
- Blue (77%)



- Red (95%)
- Yellow (11%)
- Blue (77%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (89%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 93.155, 337.880 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, 93.155, 337.880 by changing the saturation by 10% instead.


 56, 93.155,
337.880


 56, 93.155,
337.880


 100, 93.155,
337.880


 46, 93.155,
337.880


 76, 93.155,
337.880

 36, 93.155,
337.880


 86, 93.155,
337.880

 26, 93.155,
337.880

 96, 93.155,
337.880

 16, 93.155,
337.880

 6, 93.155, 337.880

 0, 93.155, 337.880

■ 56, 93.155,
337.880

■ 56, 93.155,
337.880

■ 55, 94.135,
339.062

■ 58, 89.458,
336.855

■ 55, 94.181,
339.249

■ 61, 82.918,
335.947

■ 64, 73.897,
335.118

■ 69, 62.974,
334.340

■ 74, 50.762,
333.599

■ 79, 37.801,
332.886

■ 85, 24.509,
332.198

■ 91, 11.184,

331.525

■ 97, 1.978, 151.112

Harmonies

Complementary

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



56, 93.155, 337.880



84, 102.006, 140.445

Rectangle

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



56, 93.155, 337.880



56, 93.155, 27.880



56, 93.155, 157.880



56, 93.155, 207.880

Sweetspot

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



56, 93.152, 337.880



83, 37.279, 332.788



35, 120.211, 306.960



42, 25.098, 333.028



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, 93.152, 337.880



58, 97.646, 339.285



53, 80.042, 15.910



48, 7.548, 331.593



42, 77.314, 339.025



10, 35.104, 337.302

Inverse Universe

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



56, 93.152, 337.880



58, 97.646, 339.285



86, 64.698, 163.937



48, 7.548, 331.593



42, 77.314, 339.025



10, 35.104, 337.302

Previews

White Background



This preview shows how the CIELCh color 56, 93.155, 337.880 looks on a white background.

Color Contrast Check

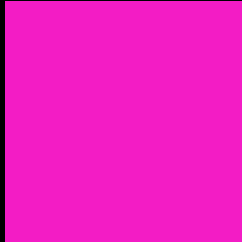
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.155, 337.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

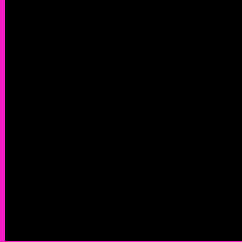
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 93.155, 337.880

Background



This preview shows how black text looks on a background with the CIELCh color 56, 93.155, 337.880.

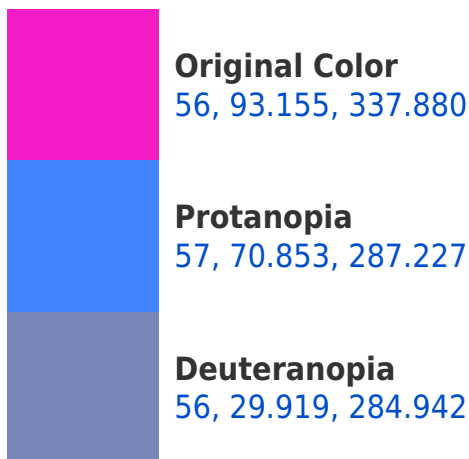


This preview shows how white text looks on a background with the CIELCh color 56, 93.155, 337.880.

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
56, 66.591, 27.384

Trichromacy



Original Color
56, 93.155, 337.880



Protanomaly
50, 81.131, 305.444



Deuteranomaly
52, 58.190, 318.854



Tritanomaly
55, 70.011, 4.121

Monochromacy



Original Color
56, 93.155, 337.880



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 45.665, 334.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 93.155, 337.880 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(243, 28, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 28, 197)  
}
```

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(243, 28, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 28, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 93.155, 337.880 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(243, 28, 197) }
```

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

```
.border{ border-color:rgb(243, 28, 197) }
```

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

Here you see how a box with a 4 pixel rgb(243, 28, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 28, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 28, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 28,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 93.155, 337.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 28, 197) }
```

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

```
.background{ background-color: rgb(243, 28,  
197) }
```

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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