

Converting Colors

CIELCh(56, 94.453, 337.811)

Have a look what the booklet for
CIELCh(56, 94.453, 337.811)
contains.

CIELCh(56, 94.372, 337.779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 94.372, 337.779)

Conversions

Conversions Part 1

Format	Color
Hex	F416C6
RGB	244, 22, 198
RGB Percent	96%, 9%, 78%
CMY	0.0428, 0.9127, 0.2232
CMYK	0.00, 0.91, 0.19, 0.04
HSL	312°, 91%, 52%
HSV	312°, 91%, 96%
XYZ	47.8323, 23.9124, 55.5680
YIQ	108.4420, 75.8160, 101.8000

Conversions

Conversions Part 2

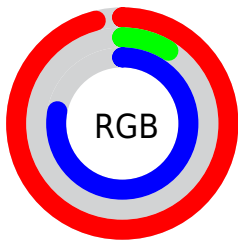
Format	Color
R _Y B	244, 22, 198
Decimal	15996614
CIE Lab	56.00, 87.36, -35.69
CIE LCh	56, 94.372, 337.779
Yxy	23.9124, 0.3757, 0.1878
Android (android.graphics.Color)	4294186694 (0xFFFF416C6)
YUV	108.4420, 44.1521, 118.8844
Hunter-Lab	48.9003, 89.0259, -33.1441

Details

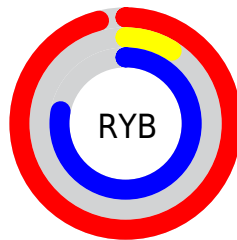
The CIELCh color **56, 94.372, 337.779** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **85, 104.346, 139.864**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.029, 327.423**, and **41, 76.400, 338.957** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.961, 338.836**, and if you desaturate by 10%, it is **58, 91.335, 336.758**.

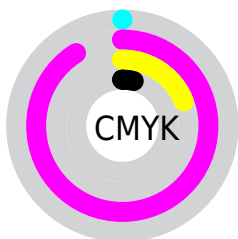
Distribution



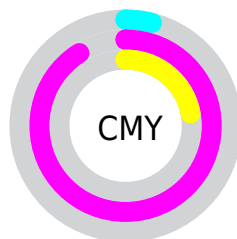
- Red (96%)
- Green (9%)
- Blue (78%)



- Red (96%)
- Yellow (9%)
- Blue (78%)



- Cyan (0%)
- Magenta (91%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (91%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 94.372, 337.779 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, 94.372, 337.779 by changing the saturation by 10% instead.


 56, 94.372,
337.779


 56, 94.372,
337.779


 100, 94.372,
337.779


 46, 94.372,
337.779


 76, 94.372,
337.779

 36, 94.372,
337.779

 86, 94.372,
337.779

 26, 94.372,
337.779

 96, 94.372,
337.779

 16, 94.372,
337.779

 6, 94.372, 337.779

 0, 94.372, 337.779

56, 94.372,
337.779

56, 94.372,
337.779

55, 94.961,
338.836

58, 91.335,
336.758

60, 85.409,
335.854

64, 76.870,
335.030

68, 66.267,
334.257

73, 54.220,
333.519

78, 41.295,
332.809

84, 27.945,
332.121

90, 14.497,

331.451

■ 96, 1.172, 330.536

Harmonies

Complementary

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



56, 94.372, 337.779



85, 104.346, 139.864

Rectangle

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



56, 94.372, 337.779



56, 94.372, 27.779



56, 94.372, 157.779



56, 94.372, 207.779

Sweetspot

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



56, 94.368, 337.779



83, 37.448, 332.544



35, 122.565, 307.052



42, 25.211, 332.781



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, 94.368, 337.779



58, 98.124, 338.866



52, 81.461, 17.167



48, 7.583, 331.358



42, 77.686, 338.618



10, 35.255, 336.968

Inverse Universe

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



56, 94.368, 337.779



58, 98.124, 338.866



86, 65.805, 163.426



48, 7.583, 331.358



42, 77.686, 338.618



10, 35.255, 336.968

Previews

White Background



This preview shows how the CIELCh color 56, 94.372, 337.779 looks on a white background.

Color Contrast Check

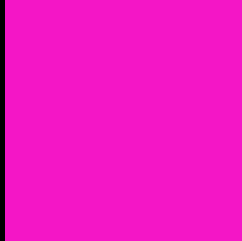
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.372, 337.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

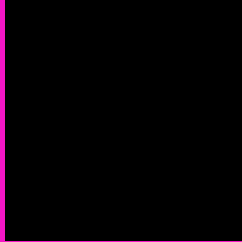
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 94.372, 337.779

Background



This preview shows how black text looks on a background with the CIELCh color 56, 94.372, 337.779.

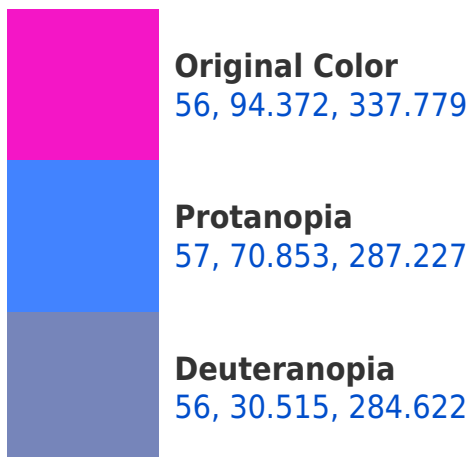


This preview shows how white text looks on a background with the CIELCh color 56, 94.372, 337.779.

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, 67.465, 27.592

Trichromacy



Original Color
56, 94.372, 337.779



Protanomaly
50, 82.907, 306.147



Deuteranomaly
51, 59.900, 318.833



Tritanomaly
55, 71.141, 4.351

Monochromacy



Original Color
56, 94.372, 337.779



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 46.916, 334.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 94.372, 337.779 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(244, 22, 198)` looks like.

```
.text, #text, p{  
    color:rgb(244, 22, 198)  
}
```

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(244, 22, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 22, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 94.372, 337.779 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(244, 22, 198) }
```

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

```
.border{ border-color:rgb(244, 22, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 22, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 22, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 22, 198);  
box-shadow:4px 4px 4px 4px rgb(244, 22,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 94.372, 337.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 22, 198) }
```

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

```
.background{ background-color: rgb(244, 22,  
198) }
```

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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