

Converting Colors

CIELCh(56, 96.909, 337.387)

Have a look what the booklet for
CIELCh(56, 96.909, 337.387)
contains.

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Color

CIELCh(56, 96.940, 337.348)

Conversions

Conversions Part 1

Format	Color
Hex	F605C9
RGB	246, 5, 201
RGB Percent	96%, 2%, 79%
CMY	0.0354, 0.9805, 0.2118
CMYK	0.00, 0.98, 0.18, 0.04
HSL	311°, 96%, 49%
HSV	311°, 98%, 96%
XYZ	48.5936, 23.9124, 57.3017
YIQ	99.4030, 80.7200, 112.0480

Conversions

Conversions Part 2

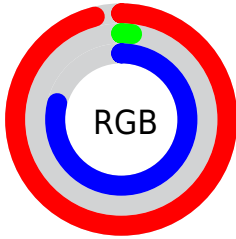
Format	Color
R _{YB}	246, 5, 201
Decimal	16123337
CIE _{Lab}	56.00, 89.46, -37.33
CIE _{LCh}	56, 96.940, 337.348
Yxy	23.9124, 0.3744, 0.1842
Android (android.graphics.Color)	4294313417 (0xFFFF605C9)
YUV	99.4030, 50.0873, 128.5656
Hunter-Lab	48.9003, 91.8050, -35.2462

Details

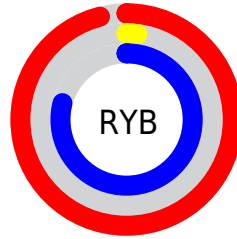
The CIELCh color **56, 96.940, 337.348** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **85, 110.128, 138.274**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **42, 77.141, 338.823** is the 20% darker color. If you saturate the color by 10%, you get **56, 97.017, 337.556**, and if you desaturate by 10%, it is **57, 95.731, 336.361**.

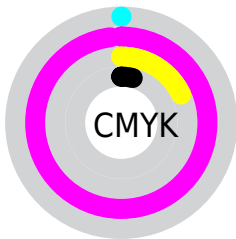
Distribution



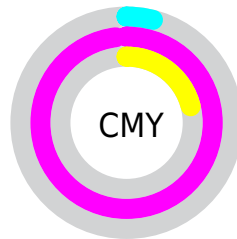
- Red (96%)
- Green (2%)
- Blue (79%)



- Red (96%)
- Yellow (2%)
- Blue (79%)



- Cyan (0%)
- Magenta (98%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (98%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 96.940, 337.348 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, 96.940, 337.348 by changing the saturation by 10% instead.


 56, 96.940,
337.348


 56, 96.940,
337.348


 100, 96.940,
337.348


 46, 96.940,
337.348


 76, 96.940,
337.348

 36, 96.940,
337.348

 86, 96.940,
337.348

 26, 96.940,
337.348

 96, 96.940,
337.348

 16, 96.940,
337.348

 6, 96.940, 337.348

 0, 96.940, 337.348

■ 56, 96.940,
337.348

■ 56, 96.940,
337.348

■ 56, 97.017,
337.556

■ 57, 95.731,
336.361

■ 59, 91.734,
335.486

■ 62, 84.857,
334.690

■ 65, 75.477,
333.942

■ 70, 64.179,
333.224

■ 75, 51.583,
332.527

■ 80, 38.234,
331.848

■ 86, 24.553,

331.184

92, 10.841,
330.529

Harmonies

Complementary

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



56, 96.940, 337.348



85, 110.128, 138.274

Rectangle

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



56, 96.940, 337.348



56, 96.940, 27.348



56, 96.940, 157.348



56, 96.940, 207.348

Sweetspot

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



56, 96.936, 337.348



82, 40.784, 331.920



33, 127.723, 306.985



41, 27.930, 332.209



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, 96.936, 337.348



58, 99.672, 337.578



52, 84.334, 19.601



48, 7.695, 330.628



42, 78.893, 337.363



10, 35.739, 335.937

Inverse Universe

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



56, 96.936, 337.348



58, 99.672, 337.578



86, 70.006, 160.569



48, 7.695, 330.628



42, 78.893, 337.363



10, 35.739, 335.937

Previews

White Background



This preview shows how the CIELCh color 56, 96.940, 337.348 looks on a white background.

Color Contrast Check

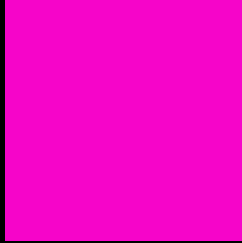
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.940, 337.348 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, 96.940, 337.348

Background



This preview shows how black text looks on a background with the CIELCh color 56, 96.940, 337.348.



This preview shows how white text looks on a background with the CIELCh color 56, 96.940, 337.348.

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, 96.940, 337.348

Protanopia

57, 70.833, 287.331

Deuteranopia

57, 31.113, 283.735



Tritanopia
56, 68.129, 27.365

Trichromacy



Original Color
56, 96.940, 337.348



Protanomaly
49, 86.906, 307.243



Deuteranomaly
50, 64.935, 318.781



Tritanomaly
55, 73.702, 2.988

Monochromacy



Original Color
56, 96.940, 337.348



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 50.877, 333.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 96.940, 337.348 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(246, 5, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 5, 201)  
}
```

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(246, 5, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 5, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 96.940, 337.348 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(246, 5, 201) }
```

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

```
.border{ border-color:rgb(246, 5, 201) }
```

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

Here you see how a box with a 4 pixel rgb(246, 5, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 5, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 5, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 5,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 96.940, 337.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 5, 201) }
```

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

```
.background{ background-color: rgb(246, 5,  
201) }
```

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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