

Converting Colors

CIELCh(56, 93.016, 342.400)

Have a look what the booklet for
CIELCh(56, 93.016, 342.400)
contains.

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Color

CIELCh(56, 92.926, 342.390)

Conversions

Conversions Part 1

Format	Color
Hex	FA03B9
RGB	250, 3, 185
RGB Percent	98%, 1%, 73%
CMY	0.0191, 0.9897, 0.2741
CMYK	0.00, 0.99, 0.26, 0.02
HSL	316°, 98%, 50%
HSV	316°, 99%, 98%
XYZ	48.2695, 23.9124, 48.0346
YIQ	97.6010, 88.7900, 108.9660

Conversions

Conversions Part 2

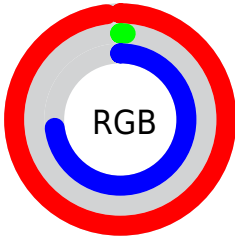
Format	Color
R_{YB}	250, 3, 185
Decimal	16384953
CIE _{Lab}	56.00, 88.57, -28.11
CIE _{LCh}	56, 92.926, 342.390
Yxy	23.9124, 0.4015, 0.1989
Android (android.graphics.Color)	4294575033 (0xFFFA03B9)
YUV	97.6010, 43.0877, 133.6539
Hunter-Lab	48.9003, 90.6219, -24.0101

Details

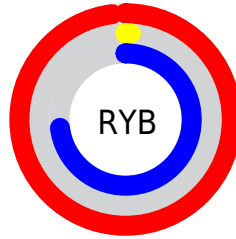
The CIELCh color **56, 92.926, 342.390** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **86, 107.488, 139.885**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 85.067, 330.455**, and **42, 73.489, 344.754** is the 20% darker color. If you saturate the color by 10%, you get **56, 92.931, 342.565**, and if you desaturate by 10%, it is **57, 92.231, 340.809**.

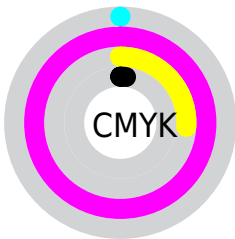
Distribution



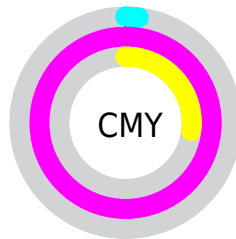
- Red (98%)
- Green (1%)
- Blue (73%)



- Red (98%)
- Yellow (1%)
- Blue (73%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (99%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 92.926, 342.390 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, 92.926, 342.390 by changing the saturation by 10% instead.


 56, 92.926,
342.390


 56, 92.926,
342.390


 100, 92.926,
342.390


 46, 92.926,
342.390


 76, 92.926,
342.390

 36, 92.926,
342.390

 86, 92.926,
342.390

 26, 92.926,
342.390

 96, 92.926,
342.390

 16, 92.926,
342.390

 6, 92.926, 342.390

 0, 92.926, 342.390

■ 56, 92.926,
342.390

■ 56, 92.926,
342.390

■ 56, 92.931,
342.565

■ 57, 92.231,
340.809

■ 59, 88.834,
339.477

■ 62, 82.540,
338.342

■ 66, 73.711,
337.345

■ 70, 62.943,
336.445

■ 75, 50.865,
335.614

■ 81, 38.031,
334.833

■ 87, 24.866,

334.094

93, 11.674,
333.381

Harmonies

Complementary

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



56, 92.926, 342.390



86, 107.488, 139.885

Rectangle

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



56, 92.926, 342.390



56, 92.926, 32.390



56, 92.926, 162.390



56, 92.926, 212.390

Sweetspot

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



56, 92.922, 342.390



81, 40.025, 334.916



34, 128.739, 307.596



41, 27.256, 335.241



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, 92.922, 342.390



57, 94.281, 342.584



53, 88.952, 26.069



49, 7.414, 333.420



42, 75.430, 342.250



10, 34.931, 340.036

Inverse Universe

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



56, 92.922, 342.390



57, 94.281, 342.584



88, 65.434, 165.874



49, 7.414, 333.420



42, 75.430, 342.250



10, 34.931, 340.036

Previews

White Background



This preview shows how the CIELCh color 56, 92.926, 342.390 looks on a white background.

Color Contrast Check

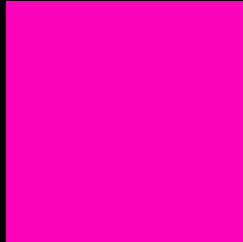
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.926, 342.390 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, 92.926, 342.390

Background



This preview shows how black text looks on a background with the CIELCh color 56, 92.926, 342.390.



This preview shows how white text looks on a background with the CIELCh color 56, 92.926, 342.390.

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, 92.854, 342.398

Protanopia

57, 70.813, 287.438

Deuteranopia

57, 22.886, 289.385



Tritanopia
56, 73.513, 29.052

Trichromacy



Original Color
56, 92.854, 342.398



Protanomaly
48, 84.865, 307.951



Deuteranomaly
50, 58.865, 325.745



Tritanomaly
55, 76.048, 8.196

Monochromacy



Original Color
56, 92.854, 342.398



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 49.525, 337.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 92.926, 342.390 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(250, 3, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 3, 185)  
}
```

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(250, 3, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 3, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 92.926, 342.390 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(250, 3, 185) }
```

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

```
.border{ border-color:rgb(250, 3, 185) }
```

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

Here you see how a box with a 4 pixel rgb(250, 3, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 3, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 3, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 3,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 92.926, 342.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 3, 185) }
```

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

```
.background{ background-color: rgb(250, 3,  
185) }
```

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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