

Converting Colors

CIELCh(57, 96.688, 340.159)

Have a look what the booklet for
CIELCh(57, 96.688, 340.159)
contains.

CIELCh(57, 96.332, 340.223)	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(57, 96.332, 340.223)

Conversions

Conversions Part 1

Format	Color
Hex	FE00C4
RGB	254, 0, 196
RGB Percent	100%, 0%, 77%
CMY	0.0055, 1.0000, 0.2328
CMYK	0.00, 1.00, 0.23, 0.01
HSL	314°, 100%, 50%
HSV	314°, 100%, 99%
XYZ	50.6261, 24.9227, 54.1507
YIQ	98.2900, 88.4680, 114.8040

Conversions

Conversions Part 2

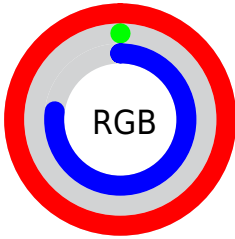
Format	Color
RYB	254, 0, 196
Decimal	16646340
CIELab	57.00, 90.65, -32.59
CIELCh	57, 96.332, 340.223
Yxy	24.9227, 0.3903, 0.1922
Android (android.graphics.Color)	4294836420 (0xFFFE00C4)
YUV	98.2900, 48.1710, 136.5577
Hunter-Lab	49.9226, 93.6509, -29.3656

Details

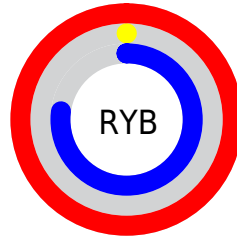
The CIELCh color **57, 96.332, 340.223** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 111.403, 138.858**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.645, 327.866**, and **43, 76.514, 342.114** is the 20% darker color. If you saturate the color by 10%, you get **57, 96.203, 340.234**, and if you desaturate by 10%, it is **58, 95.593, 338.913**.

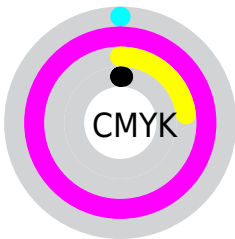
Distribution



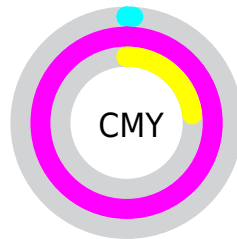
- Red (100%)
- Green (0%)
- Blue (77%)



- Red (100%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 96.332, 340.223 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 57, 96.332, 340.223 by changing the saturation by 10% instead.


 57, 96.332,
340.223


 57, 96.332,
340.223


 100, 96.332,
340.223


 47, 96.332,
340.223


 77, 96.332,
340.223

 37, 96.332,
340.223

 87, 96.332,
340.223

 27, 96.332,
340.223

 97, 96.332,
340.223

 17, 96.332,
340.223

 7, 96.332, 340.223

 0, 96.332, 340.223

■ 57, 96.332,
340.223

■ 57, 96.332,
340.223

■ 57, 96.203,
340.234

■ 58, 95.593,
338.913

■ 60, 92.353,
337.773

■ 62, 86.139,
336.781

■ 66, 77.278,
335.891

■ 71, 66.349,
335.069

■ 76, 53.996,
334.294

■ 81, 40.794,
333.557

■ 87, 27.197,

332.849

93, 13.530,
332.162

Harmonies

Complementary

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



57, 96.332, 340.223



87, 111.403, 138.858

Rectangle

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



57, 96.332, 340.223



57, 96.332, 30.223



57, 96.332, 160.223



57, 96.332, 210.223

Sweetspot

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



57, 96.203, 340.234



82, 40.977, 333.557



34, 131.228, 307.270



41, 27.899, 333.864



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 96.203, 340.234



57, 96.603, 340.238



53, 88.711, 23.825



50, 7.724, 332.128



43, 78.031, 339.980



11, 36.628, 338.250

Inverse Universe

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



57, 96.203, 340.234



57, 96.603, 340.238



89, 69.359, 162.753



50, 7.724, 332.128



43, 78.031, 339.980



11, 36.628, 338.250

Previews

White Background



This preview shows how the CIELCh color 57, 96.332, 340.223 looks on a white background.

Color Contrast Check

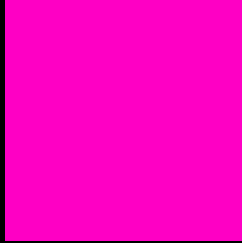
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 96.332, 340.223 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 57, 96.332, 340.223

Background



This preview shows how black text looks on a background with the CIELCh color 57, 96.332, 340.223.



This preview shows how white text looks on a background with the CIELCh color 57, 96.332, 340.223.

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

57, 96.332, 340.223

Protanopia

58, 68.904, 287.114

Deuteranopia

58, 26.847, 286.840



Tritanopia
57, 72.828, 28.631

Trichromacy



Original Color
57, 96.332, 340.223



Protanomaly
49, 85.762, 308.718



Deuteranomaly
51, 63.245, 322.625



Tritanomaly
56, 76.485, 6.007

Monochromacy



Original Color
57, 96.332, 340.223



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 52.233, 335.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 96.332, 340.223 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, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 196)  
}
```

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, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 96.332, 340.223 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, 0, 196) }
```

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

```
.border{ border-color:rgb(254, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 96.332, 340.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 196) }
```

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

```
.background{ background-color: rgb(254, 0,  
196) }
```

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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