

Converting Colors

CIELCh(57, 101.397, 334.593)

Have a look what the booklet for
CIELCh(57, 101.397, 334.593)
contains.

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Color

CIELCh(57, 101.553, 334.485)

Conversions

Conversions Part 1

Format	Color
Hex	F803D7
RGB	248, 3, 215
RGB Percent	97%, 1%, 84%
CMY	0.0275, 0.9883, 0.1569
CMYK	0.00, 0.99, 0.13, 0.03
HSL	308°, 98%, 49%
HSV	308°, 99%, 97%
XYZ	51.0013, 24.9227, 66.4036
YIQ	100.4230, 77.9680, 117.8720

Conversions

Conversions Part 2

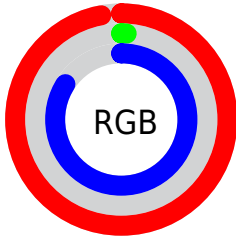
Format	Color
R _Y B	248, 3, 215
Decimal	16253911
CIE Lab	57.00, 91.65, -43.74
CIE LCh	57, 101.553, 334.485
Yxy	24.9227, 0.3583, 0.1751
Android (android.graphics.Color)	4294443991 (0xFFFF803D7)
YUV	100.4230, 56.4865, 129.4250
Hunter-Lab	49.9226, 94.9925, -43.9177

Details

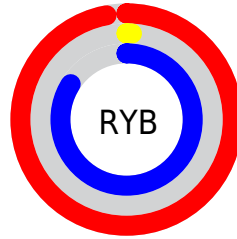
The CIELCh color **57, 101.553, 334.485** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **86, 113.623, 137.266**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **43, 81.753, 334.964** is the 20% darker color. If you saturate the color by 10%, you get **57, 101.631, 334.568**, and if you desaturate by 10%, it is **58, 100.214, 333.813**.

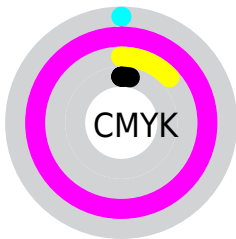
Distribution



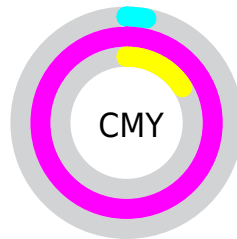
- Red (97%)
- Green (1%)
- Blue (84%)



- Red (97%)
- Yellow (1%)
- Blue (84%)



- Cyan (0%)
- Magenta (99%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (99%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 101.553, 334.485 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, 101.553, 334.485 by changing the saturation by 10% instead.


 57, 101.553,
334.485


 57, 101.553,
334.485

 100, 101.553,
334.485


 47, 101.553,
334.485


 77, 101.553,
334.485


 37, 101.553,
334.485


 87, 101.553,
334.485

 27, 101.553,
334.485

 97, 101.553,
334.485

 17, 101.553,
334.485

 7, 101.553,
334.485

 0, 101.553,
334.485

■ 57, 101.553,
334.485

■ 57, 101.553,
334.485

■ 57, 101.631,
334.568

■ 58, 100.214,
333.813

■ 60, 96.140,
333.181

■ 62, 89.137,
332.567

■ 66, 79.541,
331.956

■ 70, 67.920,
331.339

■ 75, 54.900,
330.716

■ 80, 41.043,
330.091

■ 86, 26.796,

329.468

■ 92, 12.482,
328.845

Harmonies

Complementary

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



57, 101.553, 334.485



86, 113.623, 137.266

Rectangle

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



57, 101.553, 334.485



57, 101.553, 24.485



57, 101.553, 154.485



57, 101.553, 204.485

Sweetspot

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



57, 101.550, 334.485



82, 43.714, 330.169



32, 129.567, 306.662



41, 29.751, 330.433



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, 101.550, 334.485



58, 103.786, 334.578



53, 83.594, 15.354



49, 8.119, 328.890



43, 82.921, 334.447



11, 38.015, 333.560

Inverse Universe

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



57, 101.550, 334.485



58, 103.786, 334.578



87, 75.221, 156.771



49, 8.119, 328.890



43, 82.921, 334.447



11, 38.015, 333.560

Previews

White Background



This preview shows how the CIE LCh color 57, 101.553, 334.485 looks on a white background.

Color Contrast Check

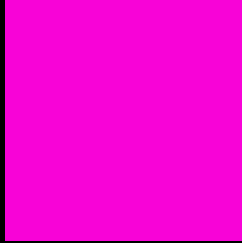
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 57, 101.553, 334.485 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, 101.553, 334.485

Background



This preview shows how black text looks on a background with the CIELCh color 57, 101.553, 334.485.



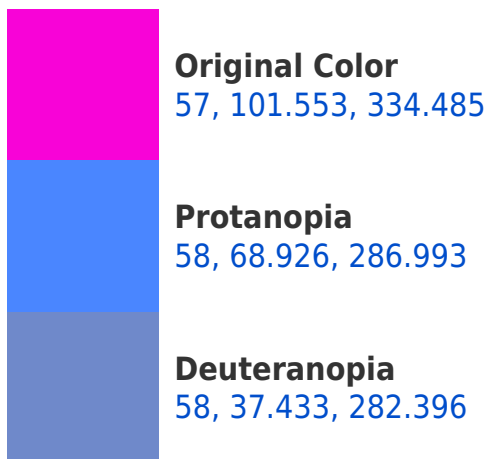
This preview shows how white text looks on a background with the CIELCh color 57, 101.553, 334.485.

334.485.

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
57, 65.695, 26.544

Trichromacy



Original Color
57, 101.553, 334.485



Protanomaly
50, 88.825, 307.727



Deuteranomaly
51, 71.066, 315.382



Tritanomaly
55, 73.729, 0.075

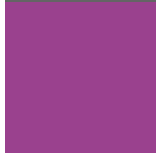
Monochromacy



Original Color
57, 101.553, 334.485



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 53.560, 331.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 101.553, 334.485 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(248, 3, 215)` looks like.

```
.text, #text, p{  
    color:rgb(248, 3, 215)  
}
```

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(248, 3, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 3, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 101.553, 334.485 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(248, 3, 215) }
```

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

```
.border{ border-color:rgb(248, 3, 215) }
```

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

Here you see how a box with a 4 pixel rgb(248, 3, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 3, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 3, 215);  
box-shadow:4px 4px 4px 4px rgb(248, 3,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 101.553, 334.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 3, 215) }
```

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

```
.background{ background-color: rgb(248, 3,  
215) }
```

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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