

Converting Colors

CIELCh(58, 104.075, 333.873)

Have a look what the booklet for
CIELCh(58, 104.075, 333.873)
contains.

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Color

CIELCh(58, 104.146, 333.737)

Conversions

Conversions Part 1

Format	Color
Hex	FC00DE
RGB	252, 0, 222
RGB Percent	99%, 0%, 87%
CMY	0.0119, 1.0000, 0.1295
CMYK	0.00, 1.00, 0.12, 0.01
HSL	307°, 100%, 49%
HSV	307°, 100%, 99%
XYZ	53.3164, 25.9610, 71.2926
YIQ	100.6560, 78.9300, 122.4660

Conversions

Conversions Part 2

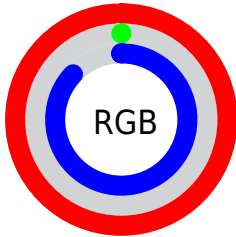
Format	Color
R _Y B	252, 0, 222
Decimal	16515294
CIE Lab	58.00, 93.40, -46.08
CIE LCh	58, 104.146, 333.737
Yxy	25.9610, 0.3541, 0.1724
Android (android.graphics.Color)	4294705374 (0xFFFC00DE)
YUV	100.6560, 59.8226, 132.7287
Hunter-Lab	50.9519, 97.6174, -47.2930

Details

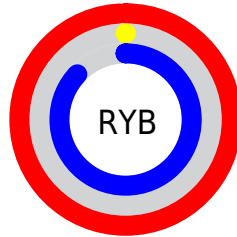
The CIELCh color **58, 104.146, 333.737** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **87, 116.081, 136.935**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **44, 83.885, 334.009** is the 20% darker color. If you saturate the color by 10%, you get **58, 104.138, 333.737**, and if you desaturate by 10%, it is **59, 102.922, 333.148**.

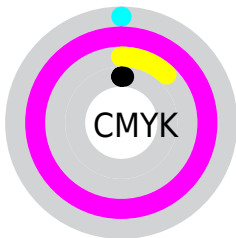
Distribution



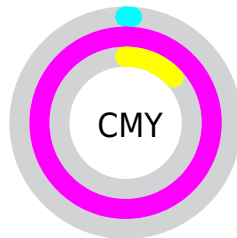
- Red (99%)
- Green (0%)
- Blue (87%)



- Red (99%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 104.146, 333.737 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 58, 104.146, 333.737 by changing the saturation by 10% instead.


 58, 104.146,
333.737


 58, 104.146,
333.737


 100, 104.146,
333.737


 48, 104.146,
333.737


 78, 104.146,
333.737


 38, 104.146,
333.737


 88, 104.146,
333.737

 28, 104.146,
333.737

 98, 104.146,
333.737

 18, 104.146,
333.737

 8, 104.146,
333.737

 0, 104.146,
333.737

■ 58, 104.146,
333.737

■ 58, 104.146,
333.737

■ 58, 104.138,
333.737

■ 59, 102.922,
333.148

■ 60, 99.077,
332.582

■ 63, 92.244,
332.020

■ 66, 82.715,
331.448

■ 71, 71.043,
330.860

■ 76, 57.864,
330.259

■ 81, 43.760,
329.649

■ 87, 29.204,

329.037

93, 14.542,
328.424

Harmonies

Complementary

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



58, 104.146, 333.737



87, 116.081, 136.935

Rectangle

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



58, 104.146, 333.737



58, 104.146, 23.737



58, 104.146, 153.737



58, 104.146, 203.737

Sweetspot

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



58, 104.138, 333.737



82, 44.185, 329.650



32, 131.907, 306.615



41, 30.070, 329.908



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 104.138, 333.737



59, 105.078, 333.741



54, 84.580, 14.422



49, 8.208, 328.392



44, 83.935, 333.629



11, 38.423, 332.869

Inverse Universe

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



58, 104.138, 333.737



59, 105.078, 333.741



88, 78.199, 155.368



49, 8.208, 328.392



44, 83.935, 333.629



11, 38.423, 332.869

Previews

White Background



This preview shows how the CIELCh color 58, 104.146, 333.737 looks on a white background.

Color Contrast Check

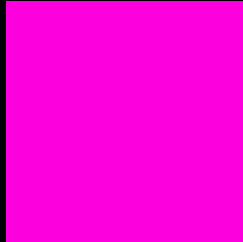
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 104.146, 333.737 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 58, 104.146, 333.737

Background



This preview shows how black text looks on a background with the CIELCh color 58, 104.146, 333.737.



This preview shows how white text looks on a background with the CIELCh color 58, 104.146, 333.737.

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

58, 104.146, 333.737

Protanopia

59, 67.043, 286.593

Deuteranopia

59, 39.066, 281.891



Tritanopia
58, 65.759, 25.999

Trichromacy



Original Color
58, 104.146, 333.737



Protanomaly
51, 89.697, 308.444



Deuteranomaly
51, 73.500, 314.658



Tritanomaly
56, 74.956, 358.621

Monochromacy



Original Color
58, 104.146, 333.737



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 55.588, 331.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 104.146, 333.737 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(252, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 222)  
}
```

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(252, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 104.146, 333.737 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(252, 0, 222) }
```

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

```
.border{ border-color:rgb(252, 0, 222) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 104.146, 333.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 222) }
```

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

```
.background{ background-color: rgb(252, 0,  
222) }
```

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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