

Converting Colors

CIELCh(58, 110.171, 329.429)

Have a look what the booklet for
CIELCh(58, 110.171, 329.429)
contains.

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Color

CIELCh(58, 110.289, 329.412)

Conversions

Conversions Part 1

Format	Color
Hex	F700F0
RGB	247, 0, 240
RGB Percent	97%, 0%, 94%
CMY	0.0326, 1.0000, 0.0600
CMYK	0.00, 1.00, 0.03, 0.03
HSL	302°, 100%, 48%
HSV	302°, 100%, 97%
XYZ	53.9186, 25.9610, 84.3829
YIQ	101.2130, 70.1720, 127.0040

Conversions

Conversions Part 2

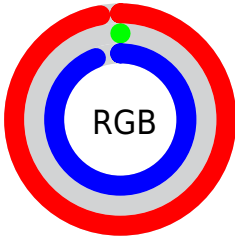
Format	Color
R_{YB}	247, 0, 240
Decimal	16187632
CIE _{Lab}	58.00, 94.94, -56.12
CIE _{LCh}	58, 110.289, 329.412
Yxy	25.9610, 0.3282, 0.1580
Android (android.graphics.Color)	4294377712 (0xFFFF700F0)
YUV	101.2130, 68.4220, 127.8552
Hunter-Lab	50.9519, 99.7274, -62.5254

Details

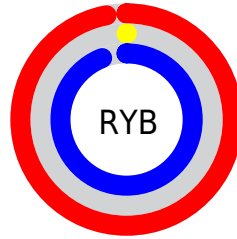
The CIELCh color **58, 110.289, 329.412** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **85, 116.356, 136.176**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **44, 90.030, 328.883** is the 20% darker color. If you saturate the color by 10%, you get **58, 110.190, 329.410**, and if you desaturate by 10%, it is **59, 108.290, 329.243**.

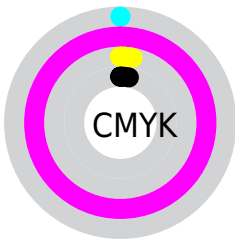
Distribution



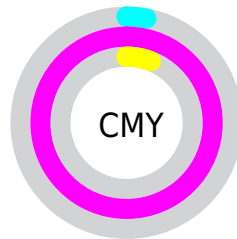
- Red (97%)
- Green (0%)
- Blue (94%)



- Red (97%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 110.289, 329.412 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, 110.289, 329.412 by changing the saturation by 10% instead.


 58, 110.289,
329.412


 58, 110.289,
329.412


 100, 110.289,
329.412


 48, 110.289,
329.412


 78, 110.289,
329.412


 38, 110.289,
329.412


 88, 110.289,
329.412

 28, 110.289,
329.412

 98, 110.289,
329.412

 18, 110.289,
329.412

 8, 110.289,
329.412

 0, 110.289,
329.412

■ 58, 110.289,
329.412

■ 58, 110.289,
329.412

■ 58, 110.190,
329.410

■ 59, 108.290,
329.243

■ 60, 103.845,
329.015

■ 63, 96.473,
328.714

■ 66, 86.425,
328.337

■ 70, 74.218,
327.895

■ 74, 60.466,
327.401

■ 80, 45.750,
326.868

■ 85, 30.547,

326.313

■ 91, 15.217,
325.742

Harmonies

Complementary

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



58, 110.289, 329.412



85, 116.356, 136.176

Rectangle

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



58, 110.289, 329.412



58, 110.289, 19.412



58, 110.289, 149.412



58, 110.289, 199.412

Sweetspot

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



58, 110.190, 329.410



82, 46.994, 326.871



31, 130.426, 306.321



41, 31.974, 327.100



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, 110.190, 329.410



60, 112.985, 329.412



53, 82.398, 4.486



48, 8.592, 325.712



44, 89.228, 329.389



11, 39.788, 329.232

Inverse Universe

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



58, 110.190, 329.410



60, 112.985, 329.412



86, 86.128, 149.547



48, 8.592, 325.712



44, 89.228, 329.389



11, 39.788, 329.232

Previews

White Background



This preview shows how the CIELCh color 58, 110.289, 329.412 looks on a white background.

Color Contrast Check

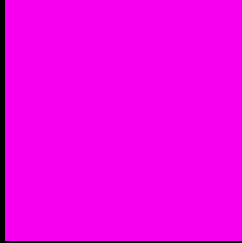
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.289, 329.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

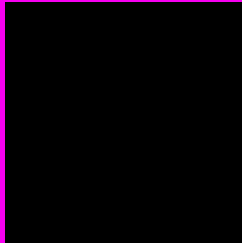
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 110.289, 329.412

Background



This preview shows how black text looks on a background with the CIELCh color 58, 110.289, 329.412.



This preview shows how white text looks on a background with the CIELCh color 58, 110.289, 329.412.

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, 110.289, 329.412

Protanopia

59, 67.043, 286.593

Deuteranopia

59, 48.519, 279.987



Tritanopia
58, 59.222, 24.415

Trichromacy



Original Color
58, 110.289, 329.412



Protanomaly
51, 92.777, 307.860



Deuteranomaly
51, 81.322, 309.703



Tritanomaly
56, 73.357, 352.929

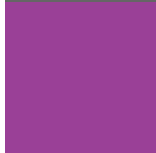
Monochromacy



Original Color
58, 110.289, 329.412



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 57.855, 328.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 110.289, 329.412 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(247, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 240)  
}
```

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(247, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 110.289, 329.412 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(247, 0, 240) }
```

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

```
.border{ border-color:rgb(247, 0, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 0, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 110.289, 329.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 240) }
```

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

```
.background{ background-color: rgb(247, 0,  
240) }
```

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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