

Converting Colors

CIELCh(58, 108.709, 323.833)

Have a look what the booklet for
CIELCh(58, 108.709, 323.833)
contains.

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Color

CIELCh(58, 108.853, 323.880)

Conversions

Conversions Part 1

Format	Color
Hex	E531FE
RGB	229, 49, 254
RGB Percent	90%, 19%, 100%
CMY	0.1025, 0.8086, 0.0045
CMYK	0.10, 0.81, 0.00, 0.00
HSL	293°, 99%, 59%
HSV	293°, 81%, 100%
XYZ	51.2243, 25.9610, 95.9609
YIQ	126.1900, 41.4750, 101.9150

Conversions

Conversions Part 2

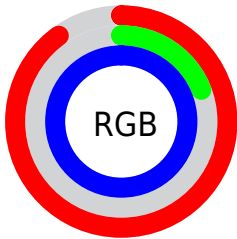
Format	Color
R _{YB}	229, 49, 254
Decimal	15020542
CIE _{Lab}	58.00, 87.93, -64.17
CIE _{LCh}	58, 108.853, 323.880
Yxy	25.9610, 0.2958, 0.1499
Android (android.graphics.Color)	4293210622 (0xFFE531FE)
YUV	126.1900, 63.0103, 90.1644
Hunter-Lab	50.9519, 90.2884, -75.9982

Details

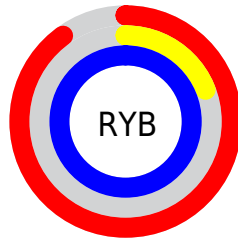
The CIELCh color **58, 108.853, 323.880** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 109.656, 135.586**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 82.642, 327.221**, and **42, 95.828, 322.925** is the 20% darker color. If you saturate the color by 10%, you get **56, 113.963, 323.729**, and if you desaturate by 10%, it is **61, 100.663, 323.855**.

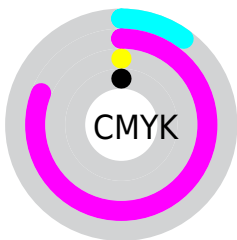
Distribution



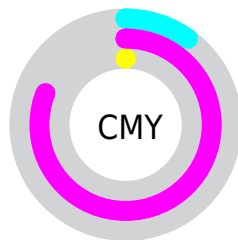
- Red (90%)
- Green (19%)
- Blue (100%)



- Red (90%)
- Yellow (19%)
- Blue (100%)



- Cyan (10%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (81%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 108.853, 323.880 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, 108.853, 323.880 by changing the saturation by 10% instead.


 58, 108.853,
323.880


 58, 108.853,
323.880


 100, 108.853,
323.880


 48, 108.853,
323.880


 78, 108.853,
323.880


 38, 108.853,
323.880


 88, 108.853,
323.880

 28, 108.853,
323.880

 98, 108.853,
323.880

 18, 108.853,
323.880

 8, 108.853,
323.880

 0, 108.853,
323.880

■ 58, 108.853,
323.880

■ 58, 108.853,
323.880

■ 56, 113.963,
323.729

■ 61, 100.663,
323.855

■ 55, 116.240,
323.444

■ 65, 89.791,
323.677

■ 69, 76.865,
323.379

■ 75, 62.556,
322.995

■ 80, 47.446,
322.554

■ 86, 31.986,
322.081

■ 93, 16.495,
321.592

■ 99, 1.185, 320.899

100, 0.566,
109.999

Harmonies

Complementary

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



58, 108.853, 323.880



88, 109.656, 135.586

Rectangle

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



58, 108.853, 323.880



58, 108.853, 13.880



58, 108.853, 143.880



58, 108.853, 193.880

Sweetspot

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



58, 108.851, 323.880



85, 37.124, 322.236



43, 104.056, 300.298



43, 25.516, 322.405



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, 108.851, 323.880



55, 116.019, 323.542



58, 85.155, 346.064



50, 8.727, 321.528



41, 93.921, 323.522



11, 43.142, 324.072

Inverse Universe

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



56, 83.638, 26.635



54, 96.895, 34.347



88, 88.755, 146.947



50, 5.311, 10.138



40, 78.904, 34.775



10, 32.455, 22.200

Previews

White Background



This preview shows how the CIE LCh color 58, 108.853, 323.880 looks on a white background.

Color Contrast Check

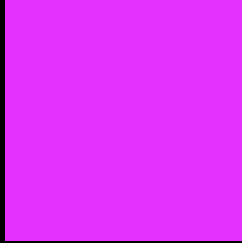
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 108.853, 323.880 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, 108.853, 323.880

Background



This preview shows how black text looks on a background with the CIELCh color 58, 108.853, 323.880.



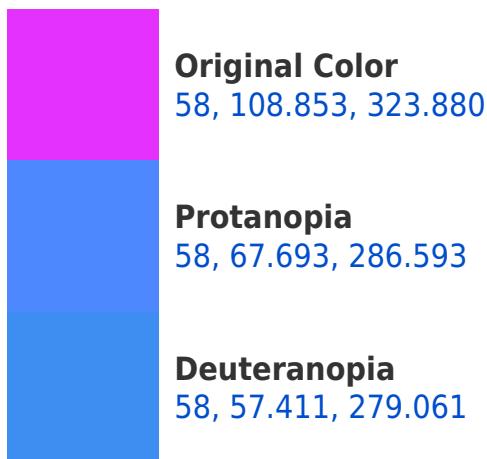
This preview shows how white text looks on a background with the CIELCh color 58, 108.853, 323.880.

323.880.

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
58, 44.128, 19.373

Trichromacy



Original Color
58, 108.853, 323.880



Protanomaly
54, 86.182, 303.634



Deuteranomaly
53, 79.153, 301.527



Tritanomaly
56, 61.710, 344.424

Monochromacy



Original Color
58, 108.853, 323.880



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 48.055, 323.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 108.853, 323.880 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(229, 49, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 49, 254)  
}
```

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(229, 49, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 49, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 108.853, 323.880 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(229, 49, 254) }
```

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

```
.border{ border-color:rgb(229, 49, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 49, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 49, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 49, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 49,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 108.853, 323.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 49, 254) }
```

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

```
.background{ background-color: rgb(229, 49,  
254) }
```

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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