

Converting Colors

CIELCh(52, 112.571, 318.851)

Have a look what the booklet for
CIELCh(52, 112.571, 318.851)
contains.

CIELCh(52, 112.558, 318.842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(52, 112.558, 318.842)

Conversions

Conversions Part 1

Format	Color
Hex	C327FE
RGB	195, 39, 254
RGB Percent	76%, 15%, 100%
CMY	0.2361, 0.8483, 0.0048
CMYK	0.23, 0.85, 0.00, 0.00
HSL	284°, 99%, 57%
HSV	284°, 85%, 100%
XYZ	41.0185, 20.1443, 95.3129
YIQ	110.1540, 23.9610, 99.9370

Conversions

Conversions Part 2

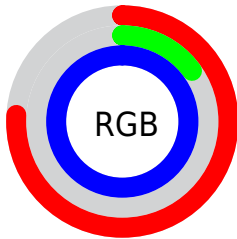
Format	Color
R _Y B	195, 39, 254
Decimal	12789758
CIE Lab	52.00, 84.74, -74.08
CIE LCh	52, 112.558, 318.842
Yxy	20.1443, 0.2621, 0.1287
Android (android.graphics.Color)	4290979838 (0xFFC327FE)
YUV	110.1540, 70.9161, 74.4099
Hunter-Lab	44.8824, 84.5888, -94.4912

Details

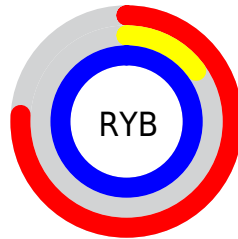
The CIELCh color **52, 112.558, 318.842** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 108.888, 132.948**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **36, 98.461, 316.973** is the 20% darker color. If you saturate the color by 10%, you get **50, 117.377, 318.359**, and if you desaturate by 10%, it is **55, 104.483, 319.037**.

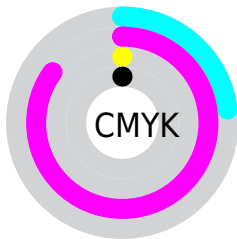
Distribution



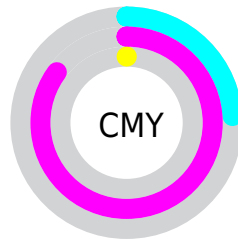
- Red (76%)
- Green (15%)
- Blue (100%)



- Red (76%)
- Yellow (15%)
- Blue (100%)



- Cyan (23%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (85%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 112.558, 318.842 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 52, 112.558, 318.842 by changing the saturation by 10% instead.


 52, 112.558,
318.842


 52, 112.558,
318.842


 100, 112.558,
318.842


 42, 112.558,
318.842


 72, 112.558,
318.842


 32, 112.558,
318.842


 82, 112.558,
318.842

 22, 112.558,
318.842

 92, 112.558,
318.842

 12, 112.558,
318.842

 2, 112.558,
318.842

 0, 112.558,
318.842

■ 52, 112.558,
318.842

■ 52, 112.558,
318.842

■ 50, 117.377,
318.359

■ 55, 104.483,
319.037

■ 49, 118.876,
318.014

■ 60, 93.639,
318.995

■ 65, 80.776,
318.779

■ 71, 66.636,
318.447

■ 77, 51.818,
318.046

■ 83, 36.757,
317.611

■ 90, 21.738,
317.165

■ 96, 6.943, 316.710

100, 0.604,
110.005

Harmonies

Complementary

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



52, 112.558, 318.842



89, 108.888, 132.948

Rectangle

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



52, 112.558, 318.842



52, 112.558, 8.842



52, 112.558, 138.842



52, 112.558, 188.842

Sweetspot

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



52, 112.557, 318.842



83, 37.263, 317.622



48, 89.819, 294.773



42, 25.472, 317.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 112.557, 318.842



49, 119.308, 318.012



59, 95.092, 337.649



50, 8.363, 316.930



36, 96.014, 318.167



9, 43.923, 319.262

Inverse Universe

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



55, 81.383, 16.393



54, 89.556, 24.634



88, 102.681, 141.125



50, 5.596, 358.621



40, 71.626, 23.545



10, 31.576, 14.478

Previews

White Background



This preview shows how the CIELCh color 52, 112.558, 318.842 looks on a white background.

Color Contrast Check

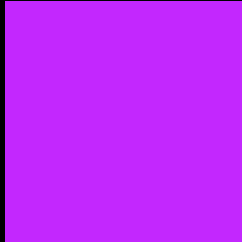
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 112.558, 318.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

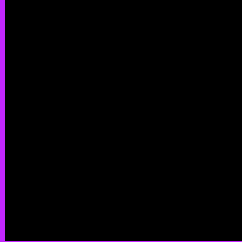
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 112.558, 318.842

Background



This preview shows how black text looks on a background with the CIELCh color 52, 112.558, 318.842.



This preview shows how white text looks on a background with the CIELCh color 52, 112.558, 318.842.

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

52, 112.558, 318.842

Protanopia

52, 77.063, 287.395

Deuteranopia

52, 56.250, 276.330



Tritanopia
52, 29.581, 14.481

Trichromacy



Original Color
52, 112.558, 318.842



Protanomaly
47, 94.811, 299.007



Deuteranomaly
46, 80.956, 296.502



Tritanomaly
50, 57.905, 332.980

Monochromacy



Original Color
52, 112.558, 318.842



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 49.741, 318.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 112.558, 318.842 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(195, 39, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 39, 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(195, 39, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 39, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 112.558, 318.842 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(195, 39, 254) }
```

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

```
.border{ border-color:rgb(195, 39, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 39, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 39, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 39, 254);  
box-shadow:4px 4px 4px 4px rgb(195, 39,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 112.558, 318.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 39, 254) }
```

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

```
.background{ background-color: rgb(195, 39,  
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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