

Converting Colors

CIELCh(53, 109.661, 318.402)

Have a look what the booklet for
CIELCh(53, 109.661, 318.402)
contains.

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Color

CIELCh(53, 109.547, 318.502)

Conversions

Conversions Part 1

Format	Color
Hex	C332FE
RGB	195, 50, 254
RGB Percent	76%, 20%, 100%
CMY	0.2352, 0.8038, 0.0038
CMYK	0.23, 0.80, 0.00, 0.00
HSL	283°, 99%, 60%
HSV	283°, 80%, 100%
XYZ	41.5464, 21.0462, 95.6580
YIQ	116.6110, 20.9360, 94.1840

Conversions

Conversions Part 2

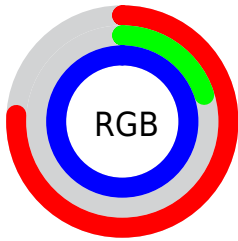
Format	Color
R _Y B	195, 50, 254
Decimal	12792574
CIE Lab	53.00, 82.05, -72.59
CIE LCh	53, 109.547, 318.502
Yxy	21.0462, 0.2625, 0.1330
Android (android.graphics.Color)	4290982654 (0xFFC332FE)
YUV	116.6110, 67.7328, 68.7472
Hunter-Lab	45.8761, 81.3704, -91.5145

Details

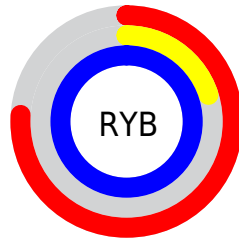
The CIELCh color **53, 109.547, 318.502** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 105.285, 132.535**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **36, 98.461, 316.973** is the 20% darker color. If you saturate the color by 10%, you get **50, 115.962, 318.142**, and if you desaturate by 10%, it is **57, 100.032, 318.586**.

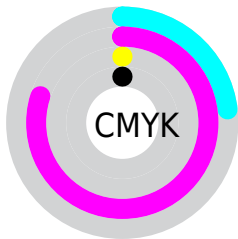
Distribution



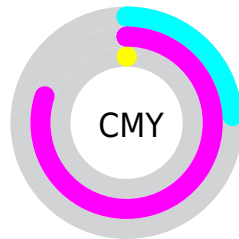
- Red (76%)
- Green (20%)
- Blue (100%)



- Red (76%)
- Yellow (20%)
- Blue (100%)



- Cyan (23%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 109.547, 318.502 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 53, 109.547, 318.502 by changing the saturation by 10% instead.


 53, 109.547,
318.502


 53, 109.547,
318.502


 100, 109.547,
318.502


 43, 109.547,
318.502


 73, 109.547,
318.502


 33, 109.547,
318.502


 83, 109.547,
318.502

 23, 109.547,
318.502

 93, 109.547,
318.502

 13, 109.547,
318.502

 3, 109.547,
318.502

 0, 109.547,
318.502

53, 109.547,
318.502

53, 109.547,
318.502

50, 115.962,
318.142

57, 100.032,
318.586

48, 119.288,
317.526

62, 88.093,
318.456

67, 74.513,
318.178

73, 59.978,
317.807

79, 45.008,
317.384

86, 29.960,
316.942

93, 15.061,
316.496

99, 0.448, 315.597

100, 0.484,
109.982

Harmonies

Complementary

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



53, 109.547, 318.502



89, 105.285, 132.535

Rectangle

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



53, 109.547, 318.502



53, 109.547, 8.502



53, 109.547, 138.502



53, 109.547, 188.502

Sweetspot

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



53, 109.546, 318.502



84, 35.627, 317.106



51, 82.570, 292.267



42, 24.531, 317.264



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 109.546, 318.502



49, 118.474, 317.796



60, 94.421, 336.347



50, 8.330, 316.460



36, 96.272, 317.684



8, 44.020, 318.822

Inverse Universe

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



57, 78.396, 13.072



54, 86.982, 21.077



88, 100.299, 141.414



50, 5.636, 357.566



40, 71.064, 22.230



10, 31.506, 13.491

Previews

White Background



This preview shows how the CIELCh color 53, 109.547, 318.502 looks on a white background.

Color Contrast Check

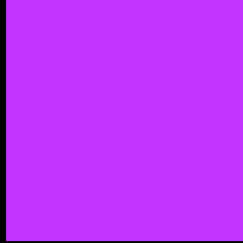
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 109.547, 318.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

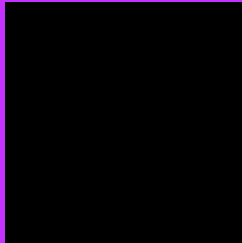
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 109.547, 318.502

Background



This preview shows how black text looks on a background with the CIELCh color 53, 109.547, 318.502.

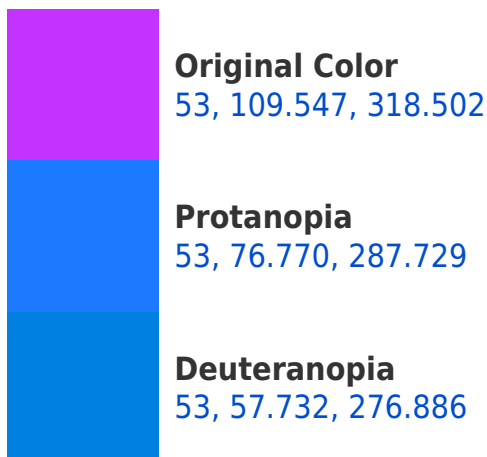


This preview shows how white text looks on a background with the CIELCh color 53, 109.547, 318.502.

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
53, 28.600, 13.985

Trichromacy



Original Color
53, 109.547, 318.502



Protanomaly
49, 91.836, 299.425



Deuteranomaly
48, 79.451, 295.392



Tritanomaly
51, 55.496, 332.714

Monochromacy



Original Color
53, 109.547, 318.502



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 46.809, 317.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 109.547, 318.502 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, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 50, 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, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 50, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 109.547, 318.502 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, 50, 254) }
```

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

```
.border{ border-color:rgb(195, 50, 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, 50, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(195, 50,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 109.547, 318.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 50, 254) }
```

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

```
.background{ background-color: rgb(195, 50,  
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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