

Converting Colors

CIELCh(53, 99.402, 318.371)

Have a look what the booklet for
CIELCh(53, 99.402, 318.371)
contains.

CIELCh(53, 99.125, 318.448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 99.125, 318.448)

Conversions

Conversions Part 1

Format	Color
Hex	BE41F2
RGB	190, 65, 242
RGB Percent	75%, 25%, 95%
CMY	0.2561, 0.7463, 0.0521
CMYK	0.22, 0.73, 0.00, 0.05
HSL	282°, 87%, 60%
HSV	282°, 73%, 95%
XYZ	39.0154, 21.0462, 85.7782
YIQ	122.5530, 17.6830, 81.5470

Conversions

Conversions Part 2

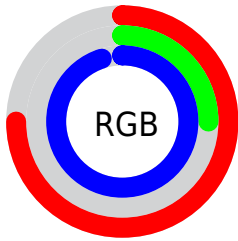
Format	Color
R _Y B	190, 65, 242
Decimal	12468722
CIE Lab	53.00, 74.18, -65.75
CIE LCh	53, 99.125, 318.448
Yxy	21.0462, 0.2675, 0.1443
Android (android.graphics.Color)	4290658802 (0xFFBE41F2)
YUV	122.5530, 58.8874, 59.1510
Hunter-Lab	45.8761, 71.5223, -78.7460

Details

The CIELCh color **53, 99.125, 318.448** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **86, 95.052, 132.435**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.008, 325.965**, and **35, 93.954, 317.621** is the 20% darker color. If you saturate the color by 10%, you get **49, 107.537, 318.294**, and if you desaturate by 10%, it is **57, 88.193, 318.370**.

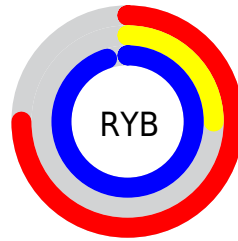
Distribution



Red (75%)

Green (25%)

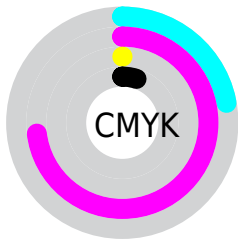
Blue (95%)



Red (75%)

Yellow (25%)

Blue (95%)

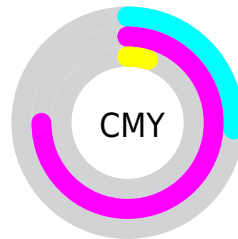


Cyan (22%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (26%)


Magenta (75%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 99.125, 318.448 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, 99.125, 318.448 by changing the saturation by 10% instead.


 53, 99.125,
318.448


 53, 99.125,
318.448


 100, 99.125,
318.448

 43, 99.125,
318.448


 73, 99.125,
318.448

 33, 99.125,
318.448

 83, 99.125,
318.448

 23, 99.125,
318.448

 93, 99.125,
318.448

 13, 99.125,
318.448

 3, 99.125, 318.448

 0, 99.125, 318.448

■ 53, 99.125,
318.448

■ 53, 99.125,
318.448

■ 49, 107.537,
318.294

■ 57, 88.193,
318.370

■ 47, 112.868,
317.849

■ 63, 75.495,
318.126

■ 46, 114.963,
317.404

■ 68, 61.725,
317.776

■ 74, 47.425,
317.364

■ 80, 32.974,
316.926

■ 87, 18.619,
316.481

■ 93, 4.509, 316.019

■ 99, 7.410, 133.573

100, 6.753,
113.867

Harmonies

Complementary

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



53, 99.125, 318.448



86, 95.052, 132.435

Rectangle

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



53, 99.125, 318.448



53, 99.125, 8.448



53, 99.125, 138.448



53, 99.125, 188.448

Sweetspot

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



53, 99.124, 318.448



85, 32.575, 316.874



52, 71.627, 289.761



43, 21.932, 316.994



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, 99.124, 318.448



51, 115.191, 318.110



59, 86.816, 335.707



47, 7.908, 316.314



34, 93.454, 317.566



7, 40.105, 318.695

Inverse Universe

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



56, 70.533, 9.777



55, 83.042, 16.329



85, 90.282, 142.613



47, 5.368, 357.242



39, 68.710, 21.643



8, 28.789, 10.670

Previews

White Background



This preview shows how the CIELCh color 53, 99.125, 318.448 looks on a white background.

Color Contrast Check

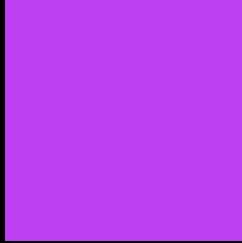
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.125, 318.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

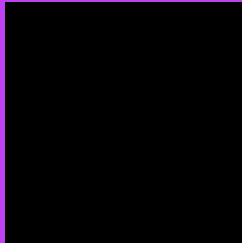
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 99.125, 318.448

Background



This preview shows how black text looks on a background with the CIELCh color 53, 99.125, 318.448.



This preview shows how white text looks on a background with the CIELCh color 53, 99.125, 318.448.

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
53, 99.125, 318.448

Protanopia
53, 76.752, 287.811

Deuteranopia
53, 58.751, 277.531



Tritanopia
53, 26.409, 12.873

Trichromacy



Original Color
53, 99.125, 318.448



Protanomaly
50, 86.120, 297.953



Deuteranomaly
49, 74.075, 293.063



Tritanomaly
52, 49.173, 333.199

Monochromacy



Original Color
53, 99.125, 318.448



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 41.215, 317.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 99.125, 318.448 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(190, 65, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 65, 242)  
}
```

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(190, 65, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 65, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 99.125, 318.448 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(190, 65, 242) }
```

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

```
.border{ border-color:rgb(190, 65, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 65, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 65, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 65, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 65,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 99.125, 318.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 65, 242) }
```

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

```
.background{ background-color: rgb(190, 65,  
242) }
```

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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