

Converting Colors

CIELCh(54, 92.432, 315.664)

Have a look what the booklet for
CIELCh(54, 92.432, 315.664)
contains.

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Color

CIELCh(54, 92.042, 315.664)

Conversions

Conversions Part 1

Format	Color
Hex	B451F2
RGB	180, 81, 242
RGB Percent	71%, 32%, 95%
CMY	0.2944, 0.6826, 0.0513
CMYK	0.26, 0.67, 0.00, 0.05
HSL	277°, 86%, 63%
HSV	277°, 67%, 95%
XYZ	37.7576, 21.9746, 86.1962
YIQ	128.9550, 7.3230, 71.0590

Conversions

Conversions Part 2

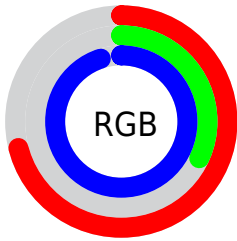
Format	Color
R_{YB}	180, 81, 242
Decimal	11817458
CIE _{Lab}	54.00, 65.83, -64.32
CIE _{LCh}	54, 92.042, 315.664
Yxy	21.9746, 0.2587, 0.1506
Android (android.graphics.Color)	4290007538 (0xFFB451F2)
YUV	128.9550, 55.7312, 44.7665
Hunter-Lab	46.8770, 61.7399, -76.2069

Details

The CIELCh color **54, 92.042, 315.664** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **87, 86.075, 130.047**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 71.325, 323.104**, and **34, 92.040, 315.643** is the 20% darker color. If you saturate the color by 10%, you get **49, 102.878, 315.717**, and if you desaturate by 10%, it is **59, 79.373, 315.413**.

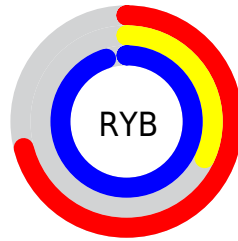
Distribution



Red (71%)

Green (32%)

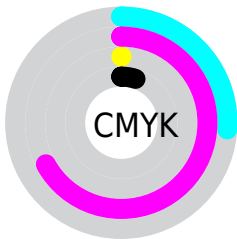
Blue (95%)



Red (71%)

Yellow (32%)

Blue (95%)

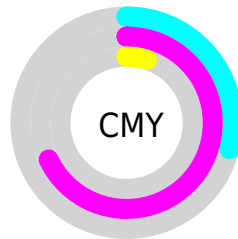


Cyan (26%)

Magenta (67%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (68%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 92.042, 315.664 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 54, 92.042, 315.664 by changing the saturation by 10% instead.


 54, 92.042,
315.664

 54, 92.042,
315.664

 100, 92.042,
315.664

 44, 92.042,
315.664

 74, 92.042,
315.664

 34, 92.042,
315.664

 84, 92.042,
315.664

 24, 92.042,
315.664

 94, 92.042,
315.664

 14, 92.042,
315.664

 4, 92.042, 315.664

 0, 92.042, 315.664

54, 92.042,
315.664

54, 92.042,
315.664

49, 102.878,
315.717

59, 79.373,
315.413

46, 111.046,
315.483

65, 65.638,
315.041

43, 115.950,
314.890

71, 51.410,
314.603

42, 117.169,
314.640

78, 37.075,
314.142

84, 22.873,
313.682

91, 8.944, 313.232

98, 4.635, 132.881

100, 6.623,
111.343

100, 6.618,
109.671

Harmonies

Complementary

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



54, 92.042, 315.664



87, 86.075, 130.047

Rectangle

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



54, 92.042, 315.664



54, 92.042, 5.664



54, 92.042, 135.664



54, 92.042, 185.664

Sweetspot

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



54, 92.041, 315.664



86, 28.962, 313.842



60, 55.463, 280.151



44, 19.817, 313.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 92.041, 315.664



51, 110.554, 315.669



62, 87.516, 331.095



47, 7.731, 313.363



32, 95.139, 314.827



6, 39.992, 315.760

Inverse Universe

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



59, 66.156, 0.414



57, 78.111, 4.846



85, 89.657, 140.815



47, 5.641, 351.163



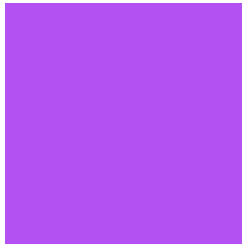
39, 66.459, 13.088



8, 28.803, 4.578

Previews

White Background



This preview shows how the CIELCh color 54, 92.042, 315.664 looks on a white background.

Color Contrast Check

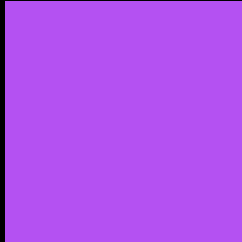
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 92.042, 315.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

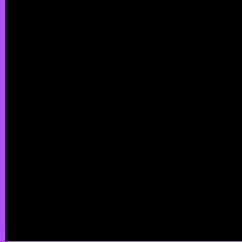
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 92.042, 315.664

Background



This preview shows how black text looks on a background with the CIELCh color 54, 92.042, 315.664.



This preview shows how white text looks on a background with the CIELCh color 54, 92.042, 315.664.

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
54, 18.756, 5.799

Trichromacy



Original Color
54, 92.042, 315.664



Protanomaly
52, 81.058, 296.712



Deuteranomaly
51, 71.184, 292.397



Tritanomaly
53, 43.086, 326.449

Monochromacy



Original Color
54, 92.042, 315.664



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 35.993, 314.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 92.042, 315.664 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(180, 81, 242)` looks like.

```
.text, #text, p{  
    color:rgb(180, 81, 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(180, 81, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 81, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 92.042, 315.664 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(180, 81, 242) }
```

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

```
.border{ border-color:rgb(180, 81, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 81, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 81, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 81, 242);  
box-shadow:4px 4px 4px 4px rgb(180, 81,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 92.042, 315.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 81, 242) }
```

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

```
.background{ background-color: rgb(180, 81,  
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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