

Converting Colors

CIELCh(54, 106.276, 317.625)

Have a look what the booklet for
CIELCh(54, 106.276, 317.625)
contains.

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Color

CIELCh(54, 106.364, 317.647)

Conversions

Conversions Part 1

Format	Color
Hex	C13DFF
RGB	193, 61, 255
RGB Percent	76%, 24%, 100%
CMY	0.2421, 0.7597, 0.0000
CMYK	0.24, 0.76, 0.00, 0.00
HSL	281°, 100%, 62%
HSV	281°, 76%, 100%
XYZ	41.8315, 21.9746, 96.8555
YIQ	122.5840, 16.3980, 88.3180

Conversions

Conversions Part 2

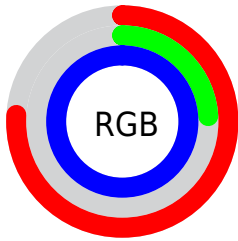
Format	Color
R _Y B	193, 61, 255
Decimal	12664319
CIE _{Lab}	54.00, 78.60, -71.66
CIE _{LCh}	54, 106.364, 317.647
Y _{xy}	21.9746, 0.2604, 0.1368
Android (android.graphics.Color)	4290854399 (0xFFC13DFF)
Y _{UV}	122.5840, 65.2811, 61.7548
Hunter-Lab	46.8770, 77.2526, -89.6888

Details

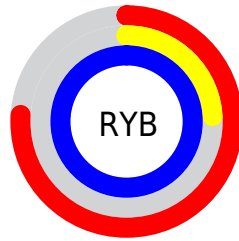
The CIELCh color **54, 106.364, 317.647** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **90, 101.075, 131.799**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.472, 326.928**, and **36, 99.097, 316.547** is the 20% darker color. If you saturate the color by 10%, you get **50, 114.331, 317.434**, and if you desaturate by 10%, it is **58, 95.348, 317.651**.

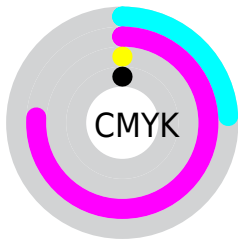
Distribution



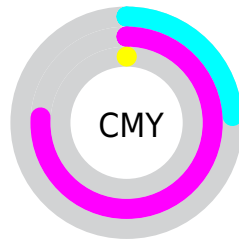
- Red (76%)
- Green (24%)
- Blue (100%)



- Red (76%)
- Yellow (24%)
- Blue (100%)



- Cyan (24%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (76%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 106.364, 317.647 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, 106.364, 317.647 by changing the saturation by 10% instead.


 54, 106.364,
317.647


 54, 106.364,
317.647


 100, 106.364,
317.647


 44, 106.364,
317.647


 74, 106.364,
317.647


 34, 106.364,
317.647


 84, 106.364,
317.647

 24, 106.364,
317.647

 94, 106.364,
317.647

 14, 106.364,
317.647

 4, 106.364,
317.647

 0, 106.364,
317.647

■ 54, 106.364,
317.647

■ 54, 106.364,
317.647

■ 50, 114.331,
317.434

■ 58, 95.348,
317.651

■ 48, 119.072,
316.873

■ 64, 82.414,
317.439

■ 47, 120.315,
316.585

■ 70, 68.226,
317.103

■ 76, 53.394,
316.697

■ 82, 38.350,
316.257

■ 89, 23.377,
315.810

■ 96, 8.645, 315.363

■ 100, 0.012,
296.813

Harmonies

Complementary

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



54, 106.364, 317.647



90, 101.075, 131.799

Rectangle

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



54, 106.364, 317.647



54, 106.364, 7.647



54, 106.364, 137.647



54, 106.364, 187.647

Sweetspot

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



54, 106.252, 317.674



84, 33.890, 316.124



55, 73.998, 288.616



43, 23.521, 316.286



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, 106.252, 317.674



49, 117.143, 317.194



62, 94.445, 334.413



49, 8.267, 315.522



35, 96.804, 316.756



8, 44.219, 317.969

Inverse Universe

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



58, 75.514, 8.835



55, 83.869, 15.668



89, 98.949, 141.187



50, 5.720, 355.527



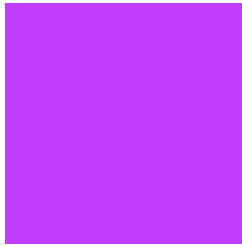
40, 70.078, 19.553



10, 31.391, 11.405

Previews

White Background



This preview shows how the CIELCh color 54, 106.364, 317.647 looks on a white background.

Color Contrast Check

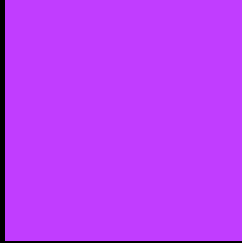
Large Text (above 18pt) WCAG AA ✓ Pass

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, 106.364, 317.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

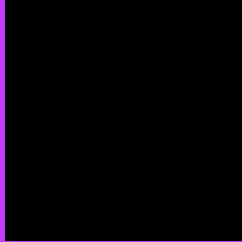
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 106.364, 317.647

Background



This preview shows how black text looks on a background with the CIELCh color 54, 106.364, 317.647.



This preview shows how white text looks on a background with the CIELCh color 54, 106.364, 317.647.

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

54, 106.364, 317.647

Protanopia

54, 74.808, 287.433

Deuteranopia

54, 58.682, 276.875



Tritanopia
54, 25.450, 12.330

Trichromacy



Original Color
54, 106.364, 317.647



Protanomaly
51, 87.986, 299.147



Deuteranomaly
49, 77.895, 293.945



Tritanomaly
52, 51.705, 330.978

Monochromacy



Original Color
54, 106.364, 317.647



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 43.981, 317.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 106.364, 317.647 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(193, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 255)  
}
```

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(193, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 106.364, 317.647 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(193, 61, 255) }
```

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

```
.border{ border-color:rgb(193, 61, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 61, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 106.364, 317.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 255) }
```

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

```
.background{ background-color: rgb(193, 61,  
255) }
```

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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