

Converting Colors

CIELCh(54, 106.692, 306.925)

Have a look what the booklet for
CIELCh(54, 106.692, 306.925)
contains.

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Color

CIELCh(52, 94.665, 307.669)

Conversions

Conversions Part 1

Format	Color
Hex	8F59FF
RGB	143, 89, 255
RGB Percent	56%, 35%, 100%
CMY	0.4400, 0.6517, 0.0008
CMYK	0.44, 0.65, 0.00, 0.00
HSL	260°, 100%, 67%
HSV	260°, 65%, 100%
XYZ	32.8682, 20.1443, 96.5946
YIQ	124.0700, -21.1020, 63.0740

Conversions

Conversions Part 2

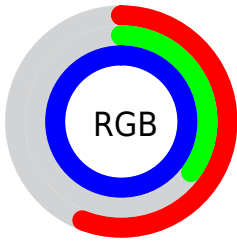
Format	Color
R _Y B	143, 89, 255
Decimal	9394687
CIE Lab	52.00, 57.85, -74.93
CIE LCh	52, 94.665, 307.669
Yxy	20.1443, 0.2197, 0.1346
Android (android.graphics.Color)	4287584767 (0xFF8F59FF)
YUV	124.0700, 64.5485, 16.6016
Hunter-Lab	44.8824, 52.1744, -96.1845

Details

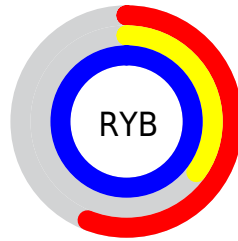
The CIELCh color **52, 94.665, 307.669** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **94, 81.470, 119.544**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 64.629, 312.585**, and **32, 94.649, 307.650** is the 20% darker color. If you saturate the color by 10%, you get **46, 108.338, 308.363**, and if you desaturate by 10%, it is **59, 79.838, 306.832**.

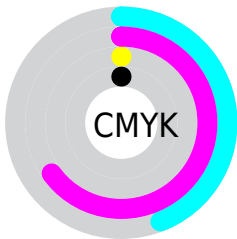
Distribution



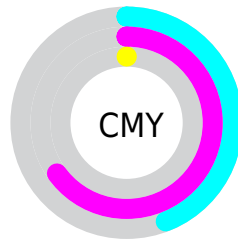
- Red (56%)
- Green (35%)
- Blue (100%)



- Red (56%)
- Yellow (35%)
- Blue (100%)



- Cyan (44%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 94.665, 307.669 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, 94.665, 307.669 by changing the saturation by 10% instead.


 52, 94.665,
307.669

 52, 94.665,
307.669


 100, 94.665,
307.669


 42, 94.665,
307.669

 72, 94.665,
307.669

 32, 94.665,
307.669

 82, 94.665,
307.669

 22, 94.665,
307.669

 92, 94.665,
307.669

 12, 94.665,
307.669

 2, 94.665, 307.669

 0, 94.665, 307.669

■ 52, 94.665,
307.669

■ 52, 94.665,
307.669

■ 46, 108.338,
308.363

■ 59, 79.838,
306.832

■ 41, 119.616,
308.751

■ 66, 64.674,
305.961

■ 37, 127.110,
308.660

■ 73, 49.628,
305.121

■ 36, 129.514,
308.484

■ 81, 34.928,
304.346

■ 88, 20.675,
303.647

■ 96, 6.902, 303.023

■ 100, 0.090,
109.311

Harmonies

Complementary

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



52, 94.665, 307.669



94, 81.470, 119.544

Rectangle

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



52, 94.665, 307.669



52, 94.665, 357.669



52, 94.665, 127.669



52, 94.665, 177.669

Sweetspot

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



52, 94.665, 307.670



85, 27.562, 303.977



77, 38.957, 244.916



43, 18.895, 304.176



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, 94.665, 307.670



44, 111.943, 308.513



62, 94.754, 321.834



49, 7.694, 303.287



26, 104.161, 308.646



5, 44.797, 308.309

Inverse Universe

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



64, 77.501, 341.153



60, 86.253, 342.957



90, 93.349, 135.259



50, 7.209, 335.961



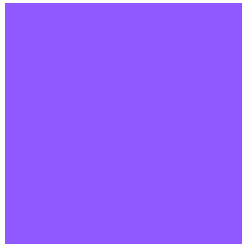
42, 73.169, 346.846



11, 34.497, 343.922

Previews

White Background



This preview shows how the CIELCh color 52, 94.665, 307.669 looks on a white background.

Color Contrast Check

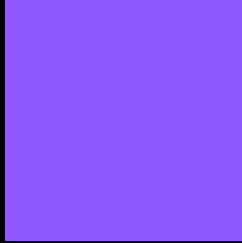
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 94.665, 307.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

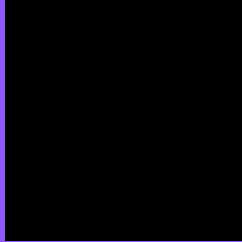
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 94.665, 307.669

Background



This preview shows how black text looks on a background with the CIELCh color 52, 94.665, 307.669.



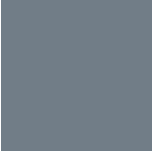
This preview shows how white text looks on a background with the CIELCh color 52, 94.665, 307.669.

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
52, 7.268, 252.443

Trichromacy



Original Color
52, 94.665, 307.669



Protanomaly
50, 84.536, 293.321



Deuteranomaly
50, 69.489, 288.678



Tritanomaly
51, 39.397, 300.562

Monochromacy



Original Color
52, 94.665, 307.669



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 36.373, 305.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 94.665, 307.669 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(143, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 89, 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(143, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 89, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 94.665, 307.669 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(143, 89, 255) }
```

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

```
.border{ border-color:rgb(143, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 89, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 89, 255); box-shadow:4px 4px 4px 4px rgb(143, 89, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 94.665, 307.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 89, 255) }
```

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

```
.background{ background-color: rgb(143, 89,  
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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