

Converting Colors

CIELCh(53, 88.183, 309.524)

Have a look what the booklet for
CIELCh(53, 88.183, 309.524)
contains.

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Color

CIELCh(53, 87.792, 309.561)

Conversions

Conversions Part 1

Format	Color
Hex	9A5CF5
RGB	154, 92, 245
RGB Percent	60%, 36%, 96%
CMY	0.3970, 0.6400, 0.0401
CMYK	0.37, 0.62, 0.00, 0.04
HSL	264°, 88%, 66%
HSV	264°, 62%, 96%
XYZ	33.5401, 21.0462, 88.5001
YIQ	127.9800, -12.1610, 60.7270

Conversions

Conversions Part 2

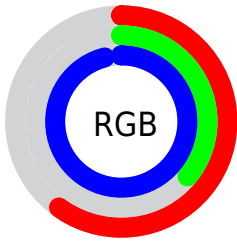
Format	Color
R_{YB}	154, 92, 245
Decimal	10116341
CIE _{Lab}	53.00, 55.91, -67.68
CIE _{LCh}	53, 87.792, 309.561
Yxy	21.0462, 0.2344, 0.1471
Android (android.graphics.Color)	4288306421 (0xFF9A5CF5)
YUV	127.9800, 57.6909, 22.8195
Hunter-Lab	45.8761, 50.2184, -82.2636

Details

The CIELCh color **53, 87.792, 309.561** 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 **90, 77.747, 122.844**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 63.499, 315.005**, and **33, 87.907, 309.475** is the 20% darker color. If you saturate the color by 10%, you get **47, 100.952, 310.071**, and if you desaturate by 10%, it is **59, 73.606, 308.918**.

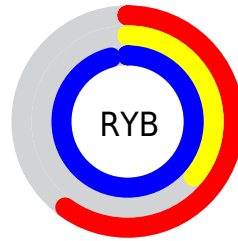
Distribution



Red (60%)

Green (36%)

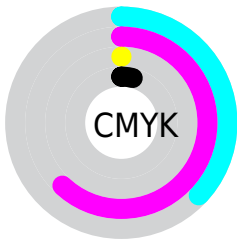
Blue (96%)



Red (60%)

Yellow (36%)

Blue (96%)

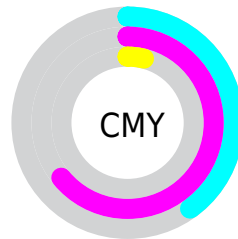


Cyan (37%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (40%)


Magenta (64%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 87.792, 309.561 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, 87.792, 309.561 by changing the saturation by 10% instead.


 53, 87.792,
309.561


 53, 87.792,
309.561


 100, 87.792,
309.561


 43, 87.792,
309.561


 73, 87.792,
309.561

 33, 87.792,
309.561

 83, 87.792,
309.561

 23, 87.792,
309.561

 93, 87.792,
309.561

 13, 87.792,
309.561

 3, 87.792, 309.561

 0, 87.792, 309.561

53, 87.792,
309.561

53, 87.792,
309.561

47, 100.952,
310.071

59, 73.606,
308.918

42, 112.070,
310.319

66, 59.080,
308.229

38, 119.970,
310.157

73, 44.619,
307.551

36, 123.681,
309.772

80, 30.438,
306.912

87, 16.643,
306.326

95, 3.278, 305.779

100, 5.174,
109.776

Harmonies

Complementary

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



53, 87.792, 309.561



90, 77.747, 122.844

Rectangle

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



53, 87.792, 309.561



53, 87.792, 359.561



53, 87.792, 129.561



53, 87.792, 179.561

Sweetspot

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



53, 87.791, 309.561



86, 26.433, 306.703



72, 39.612, 256.496



44, 18.273, 306.876



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, 87.791, 309.561



48, 107.446, 310.169



62, 89.362, 324.405



47, 7.534, 306.161



27, 100.500, 309.953



5, 41.210, 309.597

Inverse Universe

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



62, 69.470, 345.277



60, 80.879, 347.474



87, 89.307, 137.147



48, 6.588, 339.561



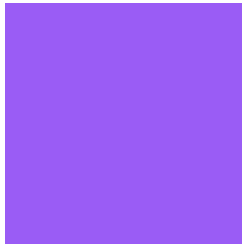
41, 68.826, 353.359



9, 31.416, 348.877

Previews

White Background



This preview shows how the CIELCh color 53, 87.792, 309.561 looks on a white background.

Color Contrast Check

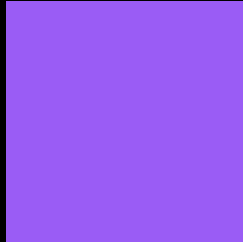
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87.792, 309.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

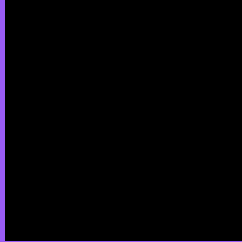
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 87.792, 309.561

Background



This preview shows how black text looks on a background with the CIELCh color 53, 87.792, 309.561.

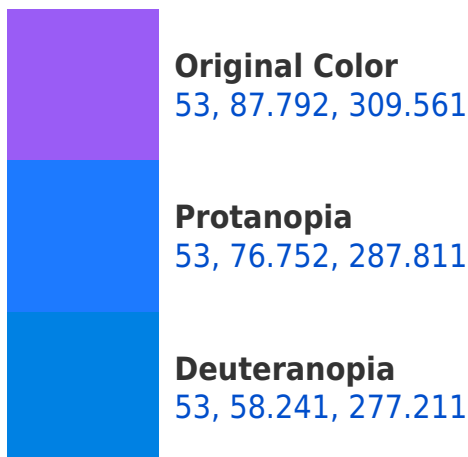



This preview shows how white text looks on a background with the CIELCh color 53, 87.792, 309.561.

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, 6.282, 312.765

Trichromacy



Original Color
53, 87.792, 309.561



Protanomaly
52, 80.698, 294.039



Deuteranomaly
51, 68.745, 288.482



Tritanomaly
52, 37.324, 308.701

Monochromacy



Original Color
53, 87.792, 309.561



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 32.968, 307.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 87.792, 309.561 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(154, 92, 245)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 245)  
}
```

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(154, 92, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 87.792, 309.561 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(154, 92, 245) }
```

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

```
.border{ border-color:rgb(154, 92, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 245);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 87.792, 309.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 245) }
```

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

```
.background{ background-color: rgb(154, 92,  
245) }
```

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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