

Converting Colors

CIELCh(53, 83.452, 307.189)

Have a look what the booklet for
CIELCh(53, 83.452, 307.189)
contains.

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Color

CIELCh(53, 83.958, 307.156)

Conversions

Conversions Part 1

Format	Color
Hex	9061F3
RGB	144, 97, 243
RGB Percent	56%, 38%, 95%
CMY	0.4341, 0.6185, 0.0458
CMYK	0.41, 0.60, 0.00, 0.05
HSL	259°, 86%, 67%
HSV	259°, 60%, 95%
XYZ	32.0795, 21.0462, 87.4107
YIQ	127.6970, -18.8540, 55.3700

Conversions

Conversions Part 2

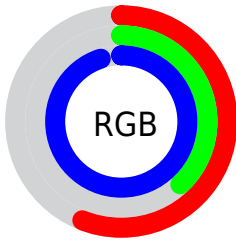
Format	Color
RYB	144, 97, 243
Decimal	9462259
CIELab	53.00, 50.71, -66.91
CIElCh	53, 83.958, 307.156
Yxy	21.0462, 0.2283, 0.1498
Android (android.graphics.Color)	4287652339 (0xFF9061F3)
YUV	127.6970, 56.8444, 14.2977
Hunter-Lab	45.8761, 44.5354, -80.8558

Details

The CIELCh color **53, 83.958, 307.156** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **90, 73.299, 119.527**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 60.323, 311.482**, and **33, 84.019, 307.148** is the 20% darker color. If you saturate the color by 10%, you get **47, 97.855, 307.951**, and if you desaturate by 10%, it is **60, 69.421, 306.284**.

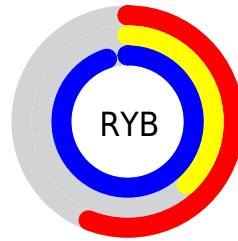
Distribution



Red (56%)

Green (38%)

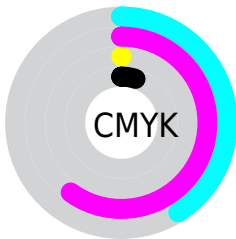
Blue (95%)



Red (56%)

Yellow (38%)

Blue (95%)

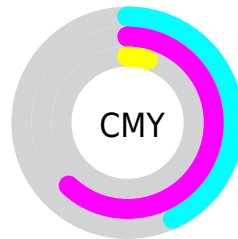


Cyan (41%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (43%)


Magenta (62%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 83.958, 307.156 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, 83.958, 307.156 by changing the saturation by 10% instead.


 53, 83.958,
307.156


 53, 83.958,
307.156


 100, 83.958,
307.156


 43, 83.958,
307.156


 73, 83.958,
307.156

 33, 83.958,
307.156

 83, 83.958,
307.156

 23, 83.958,
307.156

 93, 83.958,
307.156

 13, 83.958,
307.156

 3, 83.958, 307.156

 0, 83.958, 307.156

53, 83.958,
307.156

53, 83.958,
307.156

47, 97.855,
307.951

60, 69.421,
306.284

41, 110.134,
308.533

67, 54.830,
305.419

37, 119.464,
308.726

74, 40.492,
304.605

34, 125.098,
308.464

81, 26.550,
303.866

89, 13.062,
303.205

96, 0.039, 300.946

100, 5.916,
109.723

Harmonies

Complementary

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



53, 83.958, 307.156



90, 73.299, 119.527

Rectangle

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



53, 83.958, 307.156



53, 83.958, 357.156



53, 83.958, 127.156



53, 83.958, 177.156

Sweetspot

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



53, 83.957, 307.157



86, 24.710, 303.729



75, 35.398, 243.285



44, 17.258, 303.932



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, 83.957, 307.157



48, 104.327, 308.100



61, 85.414, 321.736



47, 7.437, 303.172



25, 102.119, 308.620



4, 40.922, 307.265

Inverse Universe

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



63, 70.411, 340.358



61, 82.897, 341.889



87, 84.038, 135.589



48, 6.987, 335.826



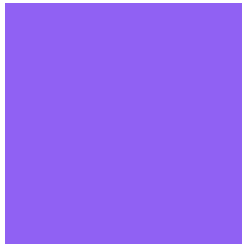
41, 71.870, 346.560



10, 32.829, 343.412

Previews

White Background



This preview shows how the CIELCh color 53, 83.958, 307.156 looks on a white background.

Color Contrast Check

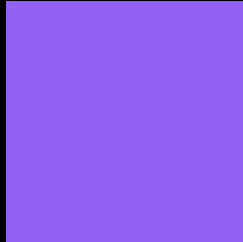
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.958, 307.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

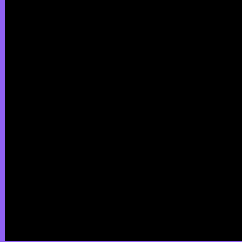
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 83.958, 307.156

Background



This preview shows how black text looks on a background with the CIELCh color 53, 83.958, 307.156.

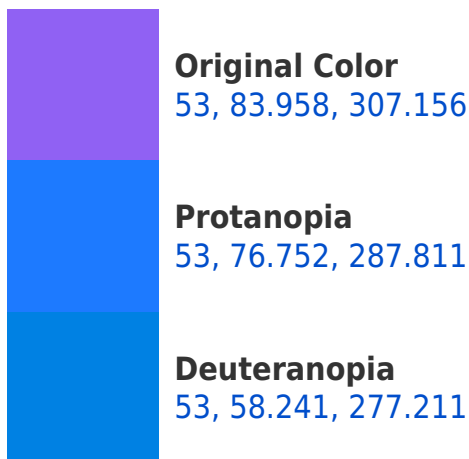


This preview shows how white text looks on a background with the CIELCh color 53, 83.958, 307.156.

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, 6.315, 266.004

Trichromacy



Original Color
53, 83.958, 307.156



Protanomaly
52, 79.512, 293.155



Deuteranomaly
51, 67.606, 287.303



Tritanomaly
52, 35.243, 301.408

Monochromacy



Original Color
53, 83.958, 307.156



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 31.436, 304.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 83.958, 307.156 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(144, 97, 243)` looks like.

```
.text, #text, p{  
    color:rgb(144, 97, 243)  
}
```

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(144, 97, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 97, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 83.958, 307.156 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(144, 97, 243) }
```

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

```
.border{ border-color:rgb(144, 97, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 97, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 97, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 97, 243);  
box-shadow:4px 4px 4px 4px rgb(144, 97,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 83.958, 307.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 97, 243) }
```

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

```
.background{ background-color: rgb(144, 97,  
243) }
```

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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