

Converting Colors

CIELCh(53, 94.275, 308.537)

Have a look what the booklet for
CIELCh(53, 94.275, 308.537)
contains.

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Color

CIELCh(53, 93.983, 308.611)

Conversions

Conversions Part 1

Format	Color
Hex	965AFF
RGB	150, 90, 255
RGB Percent	59%, 35%, 100%
CMY	0.4114, 0.6467, 0.0000
CMYK	0.41, 0.65, 0.00, 0.00
HSL	262°, 100%, 68%
HSV	262°, 65%, 100%
XYZ	34.3246, 21.0462, 96.9419
YIQ	126.7500, -17.2050, 64.0350

Conversions

Conversions Part 2

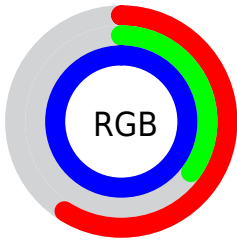
Format	Color
R _{YB}	150, 90, 255
Decimal	9853695
CIE _{Lab}	53.00, 58.65, -73.44
CIE _{LCh}	53, 93.983, 308.611
Yxy	21.0462, 0.2254, 0.1382
Android (android.graphics.Color)	4288043775 (0xFF965AFF)
YUV	126.7500, 63.2272, 20.3903
Hunter-Lab	45.8761, 53.2707, -93.1739

Details

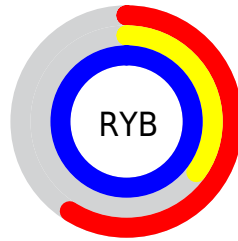
The CIELCh color **53, 93.983, 308.611** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **93, 81.795, 121.162**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 64.493, 314.409**, and **33, 94.097, 308.597** is the 20% darker color. If you saturate the color by 10%, you get **47, 107.437, 309.196**, and if you desaturate by 10%, it is **60, 79.245, 307.887**.

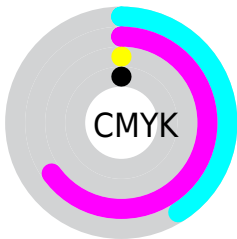
Distribution



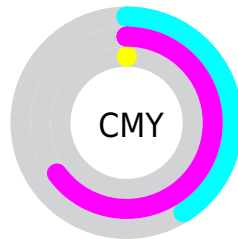
- Red (59%)
- Green (35%)
- Blue (100%)



- Red (59%)
- Yellow (35%)
- Blue (100%)



- Cyan (41%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 93.983, 308.611 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, 93.983, 308.611 by changing the saturation by 10% instead.


 53, 93.983,
308.611


 53, 93.983,
308.611


 100, 93.983,
308.611


 43, 93.983,
308.611


 73, 93.983,
308.611

 33, 93.983,
308.611

 83, 93.983,
308.611

 23, 93.983,
308.611

 93, 93.983,
308.611

 13, 93.983,
308.611

 3, 93.983, 308.611

 0, 93.983, 308.611

■ 53, 93.983,
308.611

■ 53, 93.983,
308.611

■ 47, 107.437,
309.196

■ 60, 79.245,
307.887

■ 42, 118.578,
309.478

■ 67, 64.162,
307.111

■ 38, 126.063,
309.302

■ 74, 49.146,
306.351

■ 37, 128.660,
309.056

■ 82, 34.436,
305.641

■ 89, 20.143,
304.995

■ 97, 6.313, 304.412

■ 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.



53, 93.983, 308.611



93, 81.795, 121.162

Rectangle

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



53, 93.983, 308.611



53, 93.983, 358.611



53, 93.983, 128.611



53, 93.983, 178.611

Sweetspot

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



53, 93.934, 308.616



86, 26.274, 305.267



76, 39.891, 249.984



44, 18.168, 305.453



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, 93.934, 308.616



45, 111.473, 309.331



63, 94.467, 322.876



49, 7.739, 304.688



27, 103.410, 309.230



5, 44.856, 309.266

Inverse Universe

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



64, 75.375, 343.229



59, 84.325, 345.366



90, 93.681, 135.986



50, 7.013, 337.654



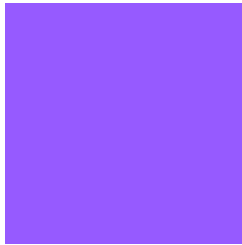
42, 71.596, 349.935



11, 33.763, 346.458

Previews

White Background



This preview shows how the CIELCh color 53, 93.983, 308.611 looks on a white background.

Color Contrast Check

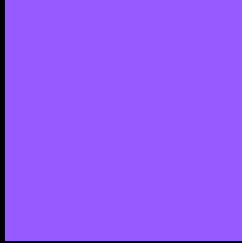
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.983, 308.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

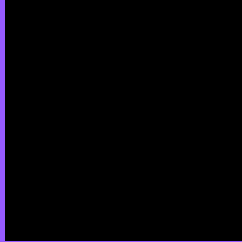
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 93.983, 308.611

Background



This preview shows how black text looks on a background with the CIELCh color 53, 93.983, 308.611.



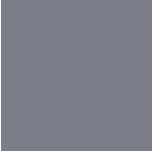
This preview shows how white text looks on a background with the CIELCh color 53, 93.983, 308.611.

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, 5.883, 279.641

Trichromacy



Original Color
53, 93.983, 308.611



Protanomaly
52, 83.515, 294.502



Deuteranomaly
51, 70.398, 288.885



Tritanomaly
52, 39.074, 304.479

Monochromacy



Original Color
53, 93.983, 308.611



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 35.725, 305.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 93.983, 308.611 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(150, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 90, 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(150, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 90, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 93.983, 308.611 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(150, 90, 255) }
```

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

```
.border{ border-color:rgb(150, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 90,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 93.983, 308.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 90, 255) }
```

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

```
.background{ background-color: rgb(150, 90,  
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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