

Converting Colors

CIELCh(53, 82.120, 296.555)

Have a look what the booklet for
CIELCh(53, 82.120, 296.555)
contains.

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Color

CIELCh(53, 82.505, 296.666)

Conversions

Conversions Part 1

Format	Color
Hex	5E6FFF
RGB	94, 111, 255
RGB Percent	37%, 44%, 100%
CMY	0.6302, 0.5639, 0.0000
CMYK	0.63, 0.56, 0.00, 0.00
HSL	234°, 100%, 68%
HSV	234°, 63%, 100%
XYZ	28.4438, 21.0462, 97.3828
YIQ	122.3330, -56.3560, 41.1800

Conversions

Conversions Part 2

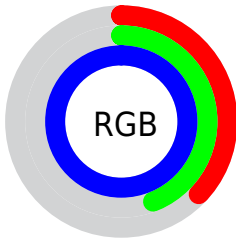
Format	Color
R _Y B	94, 109, 255
Decimal	6189055
CIE Lab	53.00, 37.03, -73.73
CIE LCh	53, 82.505, 296.666
Yxy	21.0462, 0.1937, 0.1433
Android (android.graphics.Color)	4284379135 (0xFF5E6FFF)
YUV	122.3330, 65.4048, -24.8480
Hunter-Lab	45.8761, 30.3891, -93.7436

Details

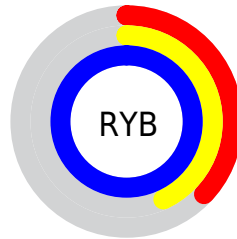
The CIELCh color **53, 82.505, 296.666** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **93, 70.148, 98.767**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.367, 293.300**, and **33, 82.004, 297.226** is the 20% darker color. If you saturate the color by 10%, you get **46, 96.888, 299.269**, and if you desaturate by 10%, it is **60, 67.998, 294.190**.

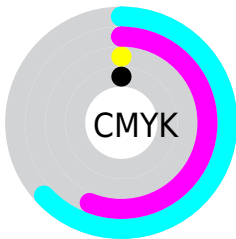
Distribution



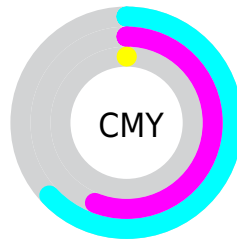
- Red (37%)
- Green (44%)
- Blue (100%)



- Red (37%)
- Yellow (43%)
- Blue (100%)



- Cyan (63%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.505, 296.666 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, 82.505, 296.666 by changing the saturation by 10% instead.


 53, 82.505,
296.666

 53, 82.505,
296.666

 100, 82.505,
296.666


 43, 82.505,
296.666

 73, 82.505,
296.666

 33, 82.505,
296.666

 83, 82.505,
296.666

 23, 82.505,
296.666

 93, 82.505,
296.666

 13, 82.505,
296.666

 3, 82.505, 296.666

 0, 82.505, 296.666

■ 53, 82.505,
296.666

■ 53, 82.505,
296.666

■ 46, 96.888,
299.269

■ 60, 67.998,
294.190

■ 41, 110.762,
301.836

■ 68, 54.084,
291.992

■ 36, 122.519,
304.040

■ 75, 40.703,
290.084

■ 34, 128.529,
305.169

■ 83, 27.842,
288.451

■ 90, 15.466,
287.063

■ 98, 3.533, 285.908

■ 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, 82.505, 296.666



93, 70.148, 98.767

Rectangle

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



53, 82.505, 296.666



53, 82.505, 346.666



53, 82.505, 116.666



53, 82.505, 166.666

Sweetspot

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



53, 82.369, 296.650



86, 22.811, 287.865



92, 46.137, 184.306



44, 15.782, 288.278



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, 82.369, 296.650



45, 101.143, 300.052



54, 91.529, 309.016



49, 6.713, 286.629



25, 102.538, 304.900



5, 40.781, 299.851

Inverse Universe

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



62, 66.575, 21.060



57, 80.108, 25.793



93, 80.458, 121.970



50, 5.294, 11.464



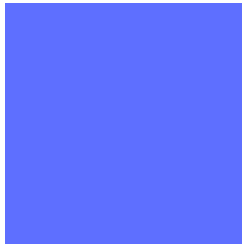
40, 79.725, 35.685



10, 32.566, 22.898

Previews

White Background



This preview shows how the CIELCh color 53, 82.505, 296.666 looks on a white background.

Color Contrast Check

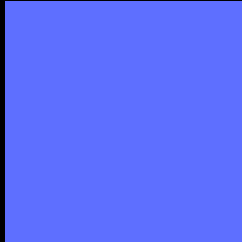
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.505, 296.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

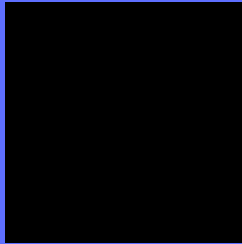
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 82.505, 296.666

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.505, 296.666.



This preview shows how white text looks on a background with the CIELCh color 53, 82.505, 296.666.

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, 28.467, 209.956

Trichromacy



Original Color
53, 82.505, 296.666

Protanomaly
53, 79.543, 290.640

Deuteranomaly
52, 65.425, 283.751

Tritanomaly
52, 37.643, 265.172

Monochromacy



Original Color
53, 82.505, 296.666

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 30.282, 290.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.505, 296.666 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(94, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 111, 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(94, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 111, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.505, 296.666 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(94, 111, 255) }
```

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

```
.border{ border-color:rgb(94, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 111,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.505, 296.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 111, 255) }
```

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

```
.background{ background-color: rgb(94, 111,  
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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