

Converting Colors

CIELCh(53, 77.101, 289.789)

Have a look what the booklet for
CIELCh(53, 77.101, 289.789)
contains.

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Color

CIELCh(53, 77.215, 289.859)

Conversions

Conversions Part 1

Format	Color
Hex	3477FD
RGB	52, 119, 253
RGB Percent	20%, 47%, 99%
CMY	0.7953, 0.5330, 0.0075
CMYK	0.79, 0.53, 0.00, 0.01
HSL	220°, 98%, 60%
HSV	220°, 79%, 99%
XYZ	25.7770, 21.0462, 95.7149
YIQ	114.2430, -82.9460, 27.4700

Conversions

Conversions Part 2

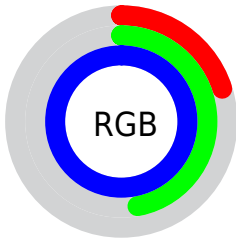
Format	Color
R _Y B	52, 102, 253
Decimal	3438589
CIE Lab	53.00, 26.23, -72.62
CIE LCh	53, 77.215, 289.859
Yxy	21.0462, 0.1808, 0.1477
Android (android.graphics.Color)	4281628669 (0xFF3477FD)
YUV	114.2430, 68.4072, -54.5871
Hunter-Lab	45.8761, 20.0128, -91.5880

Details

The CIELCh color **53, 77.215, 289.859** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **80, 73.068, 79.774**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 46.822, 279.980**, and **35, 75.654, 294.615** is the 20% darker color. If you saturate the color by 10%, you get **48, 87.958, 293.545**, and if you desaturate by 10%, it is **58, 66.688, 286.336**.

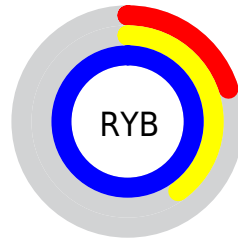
Distribution



Red (20%)

Green (47%)

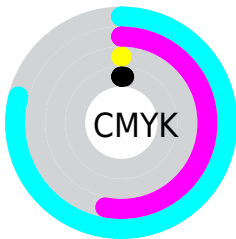
Blue (99%)



Red (20%)

Yellow (40%)

Blue (99%)

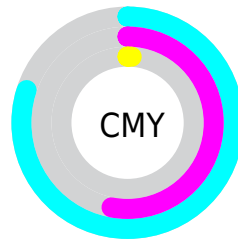


Cyan (79%)

Magenta (53%)

Yellow (0%)

Black (1%)



Cyan (80%)


Magenta (53%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 77.215, 289.859 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, 77.215, 289.859 by changing the saturation by 10% instead.


 53, 77.215,
289.859


 53, 77.215,
289.859


 100, 77.215,
289.859


 43, 77.215,
289.859


 73, 77.215,
289.859


 33, 77.215,
289.859


 83, 77.215,
289.859

 23, 77.215,
289.859

 93, 77.215,
289.859

 13, 77.215,
289.859

 3, 77.215, 289.859

 0, 77.215, 289.859

■ 53, 77.215,
289.859

■ 53, 77.215,
289.859

■ 48, 87.958,
293.545

■ 58, 66.688,
286.336

■ 44, 98.659,
297.123

■ 64, 56.451,
283.122

■ 43, 99.313,
297.327

■ 70, 46.483,
280.285

■ 76, 36.739,
277.830

■ 82, 27.183,
275.729

■ 88, 17.789,
273.939

■ 94, 8.547, 272.424

100, 0.548, 90.552

100, 0.952,
110.025

Harmonies

Complementary

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



53, 77.215, 289.859



80, 73.068, 79.774

Rectangle

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



53, 77.215, 289.859



53, 77.215, 339.859



53, 77.215, 109.859



53, 77.215, 159.859

Sweetspot

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



53, 77.215, 289.860



85, 22.243, 274.732



89, 65.210, 163.271



43, 15.324, 275.384



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, 77.215, 289.860



46, 94.574, 295.613



40, 114.849, 305.835



50, 5.212, 272.442



33, 79.032, 296.710



8, 31.703, 291.576

Inverse Universe

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



57, 77.229, 8.981



54, 85.082, 16.531



94, 90.280, 112.154



50, 5.763, 354.564



40, 69.666, 18.228



10, 31.348, 10.333

Previews

White Background



This preview shows how the CIE LCh color 53, 77.215, 289.859 looks on a white background.

Color Contrast Check

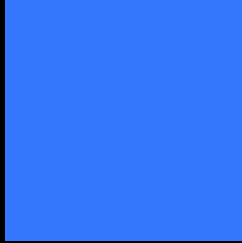
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.215, 289.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

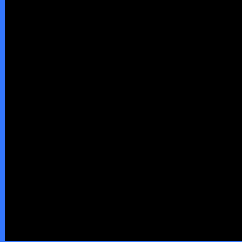
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

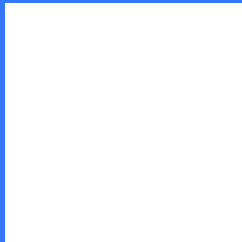
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 77.215, 289.859

Background



This preview shows how black text looks on a background with the CIELCh color 53, 77.215, 289.859.



This preview shows how white text looks on a background with the CIELCh color 53, 77.215, 289.859.

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



Original Color


53, 77.215, 289.859

Protanopia

53, 77.398, 287.962

Deuteranopia

53, 56.738, 276.444



Tritanopia
53, 30.847, 207.600

Trichromacy



Original Color
53, 77.215, 289.859

Protanomaly
53, 77.375, 288.561

Deuteranomaly
53, 63.926, 281.821

Tritanomaly
52, 38.002, 256.112

Monochromacy



Original Color
53, 77.215, 289.859

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 29.406, 279.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 77.215, 289.859 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(52, 119, 253)` looks like.

```
.text, #text, p{  
    color:rgb(52, 119, 253)  
}
```

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(52, 119, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 119, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 77.215, 289.859 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(52, 119, 253) }
```

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

```
.border{ border-color:rgb(52, 119, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 119, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 119, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 119, 253); box-shadow:4px 4px 4px 4px rgb(52, 119, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 77.215, 289.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 119, 253) }
```

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

```
.background{ background-color: rgb(52, 119,  
253) }
```

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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