

Converting Colors

CIELCh(53, 79.990, 293.645)

Have a look what the booklet for
CIELCh(53, 79.990, 293.645)
contains.

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Color

CIELCh(53, 79.779, 293.624)

Conversions

Conversions Part 1

Format	Color
Hex	4E73FE
RGB	78, 115, 254
RGB Percent	31%, 45%, 100%
CMY	0.6939, 0.5489, 0.0038
CMYK	0.69, 0.55, 0.00, 0.00
HSL	227°, 99%, 65%
HSV	227°, 69%, 100%
XYZ	27.1729, 21.0462, 96.4210
YIQ	119.7830, -66.6710, 35.3850

Conversions

Conversions Part 2

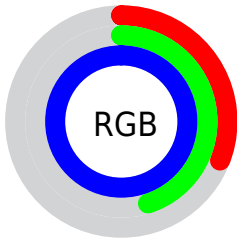
Format	Color
R _Y B	78, 109, 254
Decimal	5141502
CIE Lab	53.00, 31.97, -73.09
CIE LCh	53, 79.779, 293.624
Yxy	21.0462, 0.1879, 0.1455
Android (android.graphics.Color)	4283331582 (0xFF4E73FE)
YUV	119.7830, 66.1690, -36.6437
Hunter-Lab	45.8761, 25.4440, -92.5006

Details

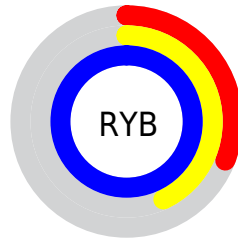
The CIELCh color **53, 79.779, 293.624** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **88, 70.058, 91.195**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 48.270, 287.634**, and **34, 78.843, 295.978** is the 20% darker color. If you saturate the color by 10%, you get **47, 92.660, 296.686**, and if you desaturate by 10%, it is **59, 67.116, 290.752**.

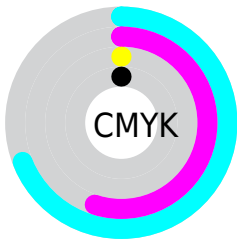
Distribution



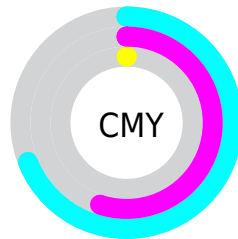
- Red (31%)
- Green (45%)
- Blue (100%)



- Red (31%)
- Yellow (43%)
- Blue (100%)



- Cyan (69%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (55%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 79.779, 293.624 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, 79.779, 293.624 by changing the saturation by 10% instead.


 53, 79.779,
293.624

 53, 79.779,
293.624


 100, 79.779,
293.624


 43, 79.779,
293.624


 73, 79.779,
293.624

 33, 79.779,
293.624

 83, 79.779,
293.624

 23, 79.779,
293.624

 93, 79.779,
293.624

 13, 79.779,
293.624

 3, 79.779, 293.624

 0, 79.779, 293.624

■ 53, 79.779,
293.624

■ 53, 79.779,
293.624

■ 47, 92.660,
296.686

■ 59, 67.116,
290.752

■ 42, 105.258,
299.728

■ 66, 54.851,
288.173

■ 38, 116.625,
302.445

■ 73, 43.009,
285.923

■ 37, 117.375,
302.613

■ 80, 31.563,
283.989

■ 86, 20.477,
282.338

■ 93, 9.718, 280.936

100, 0.480,
109.981

Harmonies

Complementary

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



53, 79.779, 293.624



88, 70.058, 91.195

Rectangle

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



53, 79.779, 293.624



53, 79.779, 343.624



53, 79.779, 113.624



53, 79.779, 163.624

Sweetspot

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



53, 79.779, 293.625



86, 22.434, 282.605



91, 53.255, 174.205



44, 15.246, 283.047



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, 79.779, 293.625



45, 97.730, 297.840



49, 100.529, 307.021



49, 5.977, 280.966



28, 93.420, 302.166



6, 37.272, 297.302

Inverse Universe

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



60, 70.808, 15.126



56, 82.339, 20.898



94, 84.479, 117.683



50, 5.449, 3.322



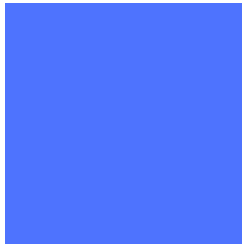
40, 74.453, 28.830



10, 31.925, 18.218

Previews

White Background



This preview shows how the CIE LCh color 53, 79.779, 293.624 looks on a white background.

Color Contrast Check

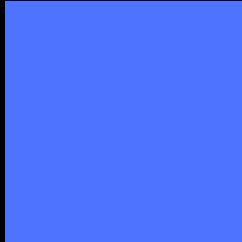
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 79.779, 293.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

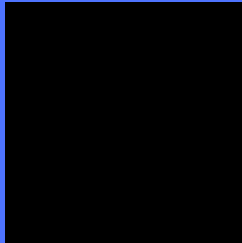
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 79.779, 293.624

Background



This preview shows how black text looks on a background with the CIELCh color 53, 79.779, 293.624.



This preview shows how white text looks on a background with the CIELCh color 53, 79.779, 293.624.

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, 31.011, 207.525

Trichromacy



Original Color
53, 79.779, 293.624

Protanomaly
53, 78.401, 289.604

Deuteranomaly
53, 64.397, 282.708

Tritanomaly
52, 38.416, 258.651

Monochromacy



Original Color
53, 79.779, 293.624

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 29.923, 285.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 79.779, 293.624 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(78, 115, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 115, 254)  
}
```

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(78, 115, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 115, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 79.779, 293.624 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(78, 115, 254) }
```

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

```
.border{ border-color:rgb(78, 115, 254) }
```

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

Here you see how a box with a 4 pixel rgb(78, 115, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 115, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 115, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 115,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 79.779, 293.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 115, 254) }
```

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

```
.background{ background-color: rgb(78, 115,  
254) }
```

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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