

Converting Colors

CIELCh(46, 93.276, 270.028)

Have a look what the booklet for
CIELCh(46, 93.276, 270.028)
contains.

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Color

CIELCh(53, 77.526, 287.396)

Conversions

Conversions Part 1

Format	Color
Hex	0379FF
RGB	3, 121, 255
RGB Percent	1%, 47%, 100%
CMY	0.9877, 0.5239, 0.0000
CMYK	0.99, 0.52, 0.00, 0.00
HSL	212°, 100%, 51%
HSV	212°, 99%, 100%
XYZ	25.0546, 21.0462, 97.7630
YIQ	100.9940, -113.3420, 16.6580

Conversions

Conversions Part 2

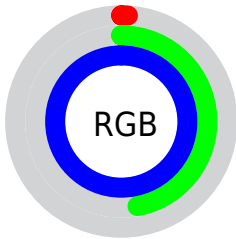
Format	Color
R _Y B	3, 83, 255
Decimal	227839
CIE Lab	53.00, 23.18, -73.98
CIE LCh	53, 77.526, 287.396
Yxy	21.0462, 0.1742, 0.1463
Android (android.graphics.Color)	4278417919 (0xFF0379FF)
YUV	100.9940, 75.9250, -85.9407
Hunter-Lab	45.8761, 17.2019, -94.2350

Details

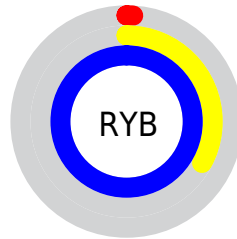
The CIELCh color **53, 77.526, 287.396** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **69, 84.003, 62.711**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 46.671, 274.658**, and **36, 75.458, 294.235** is the 20% darker color. If you saturate the color by 10%, you get **53, 78.279, 287.827**, and if you desaturate by 10%, it is **57, 69.183, 282.879**.

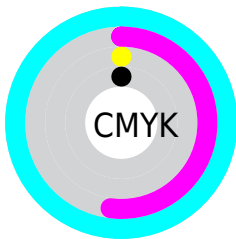
Distribution



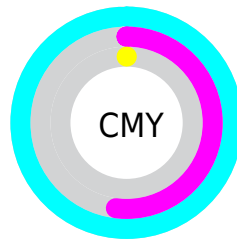
- Red (1%)
- Green (47%)
- Blue (100%)



- Red (1%)
- Yellow (33%)
- Blue (100%)



- Cyan (99%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)




- Cyan (99%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 77.526, 287.396 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, 77.526, 287.396 by changing the saturation by 10% instead.


 53, 77.526,
287.396


 53, 77.526,
287.396


 100, 77.526,
287.396


 43, 77.526,
287.396


 73, 77.526,
287.396

 33, 77.526,
287.396

 83, 77.526,
287.396

 23, 77.526,
287.396

 93, 77.526,
287.396

 13, 77.526,
287.396

 3, 77.526, 287.396

 0, 77.526, 287.396

■ 53, 77.526,
287.396

■ 53, 77.526,
287.396

■ 53, 78.279,
287.827

■ 57, 69.183,
282.879

■ 61, 61.340,
278.555

■ 66, 53.656,
274.574

■ 70, 46.028,
271.046

■ 75, 38.374,
267.999

■ 80, 30.650,
265.408

■ 85, 22.840,
263.223

■ 90, 14.952,

261.388

■ 95, 7.007, 259.863

Harmonies

Complementary

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



53, 77.526, 287.396



69, 84.003, 62.711

Rectangle

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



53, 77.526, 287.396



53, 77.526, 337.396



53, 77.526, 107.396



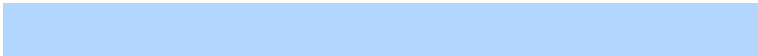
53, 77.526, 157.396

Sweetspot

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



53, 77.265, 287.312



85, 23.802, 263.471



89, 87.776, 149.779



43, 16.212, 264.365



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, 77.265, 287.312



53, 78.279, 287.827



33, 133.211, 306.246



50, 4.540, 259.964



40, 61.929, 287.024



11, 25.070, 280.715

Inverse Universe

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



55, 84.254, 5.366



55, 84.430, 5.927



97, 96.725, 103.910



50, 6.256, 346.099



41, 68.028, 5.034



10, 31.615, 358.969

Previews

White Background



This preview shows how the CIE LCh color 53, 77.526, 287.396 looks on a white background.

Color Contrast Check

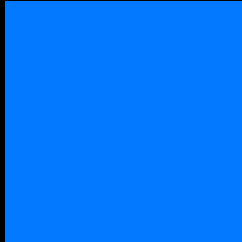
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.526, 287.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

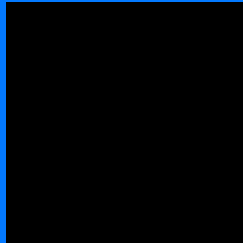
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

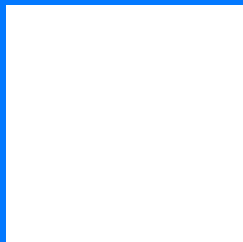
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 77.526, 287.396

Background



This preview shows how black text looks on a background with the CIELCh color 53, 77.526, 287.396.



This preview shows how white text looks on a background with the CIELCh color 53, 77.526, 287.396.

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, 31.140, 205.243

Trichromacy



Original Color
53, 77.513, 287.453

Protanomaly
53, 76.907, 287.600

Deuteranomaly
53, 63.490, 280.824

Tritanomaly
52, 38.115, 254.087

Monochromacy



Original Color
53, 77.513, 287.453

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 31.059, 270.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 77.526, 287.396 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(3, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 121, 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(3, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 77.526, 287.396 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(3, 121, 255) }
```

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

```
.border{ border-color:rgb(3, 121, 255) }
```

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

Here you see how a box with a 4 pixel rgb(3, 121, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 121,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 77.526, 287.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 121, 255) }
```

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

```
.background{ background-color: rgb(3, 121,  
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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