

Converting Colors

CIELCh(44, 97.718, 296.932)

Have a look what the booklet for
CIELCh(44, 97.718, 296.932)
contains.

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Color

CIELCh(44, 98.152, 297.058)

Conversions

Conversions Part 1

Format	Color
Hex	0956FD
RGB	9, 86, 253
RGB Percent	4%, 34%, 99%
CMY	0.9641, 0.6622, 0.0072
CMYK	0.96, 0.66, 0.00, 0.01
HSL	221°, 99%, 51%
HSV	221°, 96%, 99%
XYZ	21.2087, 13.8382, 94.6228
YIQ	82.0150, -99.4990, 35.6130

Conversions

Conversions Part 2

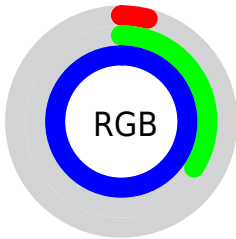
Format	Color
R _Y B	9, 68, 253
Decimal	612093
CIE Lab	44.00, 44.65, -87.41
CIE LCh	44, 98.152, 297.058
Yxy	13.8382, 0.1636, 0.1067
Android (android.graphics.Color)	4278802173 (0xFF0956FD)
YUV	82.0150, 84.2956, -64.0342
Hunter-Lab	37.1997, 36.6686, -124.7727

Details

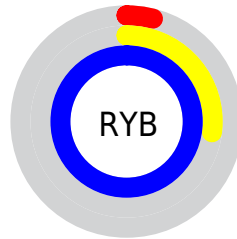
The CIELCh color **44, 98.152, 297.058** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **77, 81.337, 77.652**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 67.467, 293.151**, and **28, 94.330, 302.020** is the 20% darker color. If you saturate the color by 10%, you get **42, 102.051, 298.246**, and if you desaturate by 10%, it is **49, 87.135, 293.506**.

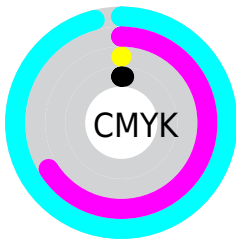
Distribution



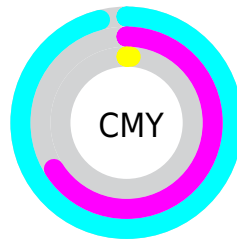
- Red (4%)
- Green (34%)
- Blue (99%)



- Red (4%)
- Yellow (27%)
- Blue (99%)



- Cyan (96%)
- Magenta (66%)
- Yellow (0%)
- Black (1%)



- Cyan (96%)
- Magenta (66%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 98.152, 297.058 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 44, 98.152, 297.058 by changing the saturation by 10% instead.

 44, 98.152,
297.058

 44, 98.152,
297.058

 100, 98.152,
297.058

 34, 98.152,
297.058

 64, 98.152,
297.058

 24, 98.152,
297.058

 74, 98.152,
297.058

 14, 98.152,
297.058

 84, 98.152,
297.058

 4, 98.152, 297.058

 94, 98.152,
297.058

 0, 98.152, 297.058

 44, 98.152,

 44, 98.152,

297.058

297.058

■ 42, 102.051,
298.246

■ 49, 87.135,
293.506

■ 54, 76.093,
289.928

■ 59, 65.292,
286.544

■ 65, 54.798,
283.484

■ 71, 44.591,
280.796

■ 77, 34.628,
278.478

■ 83, 24.875,
276.495

■ 89, 15.309,
274.807

Harmonies

Complementary

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



44, 98.152, 297.058



77, 81.337, 77.652

Rectangle

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



44, 98.152, 297.058



44, 98.152, 347.058



44, 98.152, 117.058



44, 98.152, 167.058

Sweetspot

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



44, 98.153, 297.060



82, 27.568, 276.986



89, 71.050, 160.891



41, 18.993, 277.828



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 98.153, 297.060



43, 102.650, 298.259



34, 129.799, 306.972



50, 5.313, 273.800



32, 81.212, 297.652



8, 32.593, 292.670

Inverse Universe

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



54, 85.661, 18.903



54, 87.608, 20.939



93, 97.838, 113.713



50, 5.711, 355.749



40, 70.178, 19.852



10, 31.402, 11.644

Previews

White Background



This preview shows how the CIELCh color 44, 98.152, 297.058 looks on a white background.

Color Contrast Check

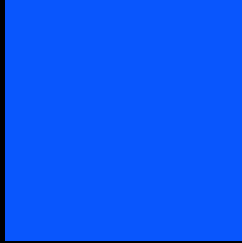
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 98.152, 297.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

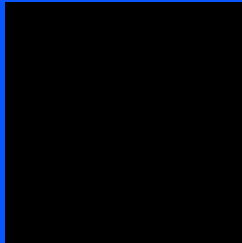
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 98.152, 297.058

Background



This preview shows how black text looks on a background with the CIELCh color 44, 98.152, 297.058.




This preview shows how white text looks on a background with the CIELCh color 44, 98.152, 297.058.

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
44, 27.084, 204.294

Trichromacy



Original Color
44, 98.147, 297.073

Protanomaly
44, 78.570, 291.892

Deuteranomaly
43, 64.373, 286.362

Tritanomaly
43, 41.239, 269.112

Monochromacy



Original Color
44, 98.147, 297.073

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 37.480, 283.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 98.152, 297.058 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(9, 86, 253)` looks like.

```
.text, #text, p{  
    color:rgb(9, 86, 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(9, 86, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 86, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 98.152, 297.058 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(9, 86, 253) }
```

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

```
.border{ border-color:rgb(9, 86, 253) }
```

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

Here you see how a box with a 4 pixel rgb(9, 86, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 86, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 86, 253);  
box-shadow:4px 4px 4px 4px rgb(9, 86, 253)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 98.152, 297.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 86, 253) }
```

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

```
.background{ background-color: rgb(9, 86,  
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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