

Converting Colors

CIELCh(46, 91.885, 294.619)

Have a look what the booklet for
CIELCh(46, 91.885, 294.619)
contains.

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Color

CIELCh(46, 92.039, 294.731)

Conversions

Conversions Part 1

Format	Color
Hex	025FFC
RGB	2, 95, 252
RGB Percent	1%, 37%, 99%
CMY	0.9941, 0.6268, 0.0109
CMYK	0.99, 0.62, 0.00, 0.01
HSL	218°, 99%, 50%
HSV	218°, 99%, 99%
XYZ	21.7327, 15.2687, 94.0835
YIQ	85.0910, -105.8250, 29.1110

Conversions

Conversions Part 2

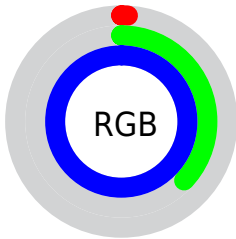
Format	Color
R _Y B	2, 70, 252
Decimal	155644
CIE Lab	46.00, 38.51, -83.60
CIE LCh	46, 92.039, 294.731
Yxy	15.2687, 0.1658, 0.1165
Android (android.graphics.Color)	4278345724 (0xFF025FFC)
YUV	85.0910, 82.2861, -72.8708
Hunter-Lab	39.0751, 30.8961, -115.4034

Details

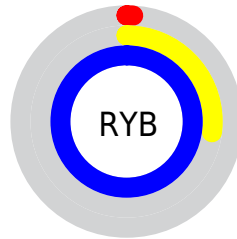
The CIELCh color **46, 92.039, 294.731** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **73, 81.743, 71.345**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 61.573, 289.155**, and **30, 89.185, 300.391** is the 20% darker color. If you saturate the color by 10%, you get **46, 92.642, 294.946**, and if you desaturate by 10%, it is **50, 82.018, 290.899**.

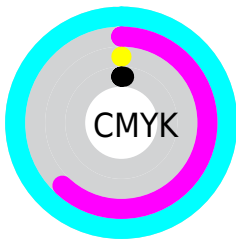
Distribution



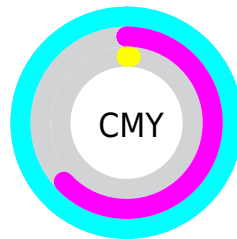
- Red (1%)
- Green (37%)
- Blue (99%)



- Red (1%)
- Yellow (27%)
- Blue (99%)



- Cyan (99%)
- Magenta (62%)
- Yellow (0%)
- Black (1%)





- Cyan (99%)
- Magenta (63%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 92.039, 294.731 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 46, 92.039, 294.731 by changing the saturation by 10% instead.


 46, 92.039,
294.731


 46, 92.039,
294.731


 100, 92.039,
294.731


 36, 92.039,
294.731

 66, 92.039,
294.731


 26, 92.039,
294.731

 76, 92.039,
294.731

 16, 92.039,
294.731

 86, 92.039,
294.731

 6, 92.039, 294.731

 96, 92.039,
294.731

 0, 92.039, 294.731

 46, 92.039,

 46, 92.039,

294.731

294.731

■ 46, 92.642,
294.946

■ 50, 82.018,
290.899

■ 55, 72.121,
287.016

■ 60, 62.469,
283.343

■ 65, 53.062,
280.019

■ 71, 43.849,
277.099

■ 76, 34.779,
274.582

■ 82, 25.818,
272.434

■ 88, 16.951,
270.609

Harmonies

Complementary

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



46, 92.039, 294.731



73, 81.743, 71.345

Rectangle

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



46, 92.039, 294.731



46, 92.039, 344.731



46, 92.039, 114.731



46, 92.039, 164.731

Sweetspot

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



46, 92.040, 294.733



83, 26.589, 272.557



88, 78.012, 155.501



42, 18.179, 273.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 92.040, 294.733



46, 93.471, 294.969



33, 131.723, 306.593



49, 4.907, 269.081



34, 73.101, 294.248



9, 28.648, 288.454

Inverse Universe

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



54, 84.701, 15.058



54, 85.601, 15.410



94, 96.945, 110.055



49, 5.798, 351.898



40, 68.038, 14.310



9, 30.456, 6.602

Previews

White Background



This preview shows how the CIE LCh color 46, 92.039, 294.731 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 46, 92.039, 294.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

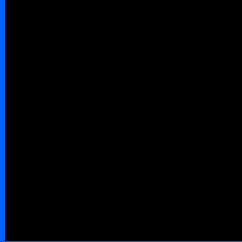
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 92.039, 294.731

Background



This preview shows how black text looks on a background with the CIELCh color 46, 92.039, 294.731.



This preview shows how white text looks on a background with the CIELCh color 46, 92.039, 294.731.

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



Trichromacy



Original Color
46, 92.030, 294.762

Protanomaly
46, 77.430, 290.446

Tritanomaly
45, 40.431, 265.974

Monochromacy



Original Color
46, 92.030, 294.762

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 35.698, 280.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 92.039, 294.731 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(2, 95, 252)` looks like.

```
.text, #text, p{  
    color:rgb(2, 95, 252)  
}
```

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(2, 95, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 95, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 92.039, 294.731 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(2, 95, 252) }
```

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

```
.border{ border-color:rgb(2, 95, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 95, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 95, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 95, 252);  
box-shadow:4px 4px 4px 4px rgb(2, 95, 252)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 46, 92.039, 294.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 95, 252) }
```

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

```
.background{ background-color: rgb(2, 95,  
252) }
```

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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