

Converting Colors

CIELCh(43, 92.678, 296.065)

Have a look what the booklet for
CIELCh(43, 92.678, 296.065)
contains.

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Color

CIELCh(43, 92.876, 296.113)

Conversions

Conversions Part 1

Format	Color
Hex	0356F3
RGB	3, 86, 243
RGB Percent	1%, 34%, 95%
CMY	0.9867, 0.6626, 0.0469
CMYK	0.99, 0.65, 0.00, 0.05
HSL	219°, 97%, 48%
HSV	219°, 99%, 95%
XYZ	19.5582, 13.1578, 86.3437
YIQ	79.0810, -99.8650, 31.2310

Conversions

Conversions Part 2

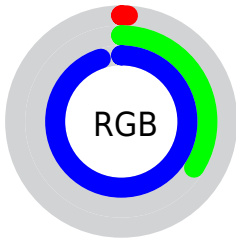
Format	Color
R _Y B	3, 65, 243
Decimal	218867
CIE Lab	43.00, 40.88, -83.40
CIE LCh	43, 92.876, 296.113
Yxy	13.1578, 0.1643, 0.1105
Android (android.graphics.Color)	4278408947 (0xFF0356F3)
YUV	79.0810, 80.8121, -66.7230
Hunter-Lab	36.2736, 32.7657, -115.7390

Details

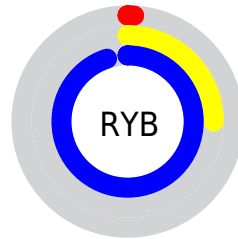
The CIELCh color **43, 92.876, 296.113** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **72, 79.170, 74.363**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 67.534, 292.408**, and **27, 89.184, 301.501** is the 20% darker color. If you saturate the color by 10%, you get **42, 94.294, 296.589**, and if you desaturate by 10%, it is **47, 82.677, 292.441**.

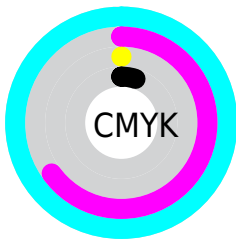
Distribution



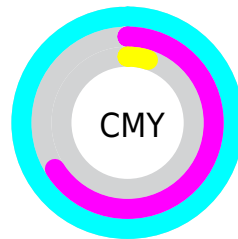
- Red (1%)
- Green (34%)
- Blue (95%)



- Red (1%)
- Yellow (25%)
- Blue (95%)



- Cyan (99%)
- Magenta (65%)
- Yellow (0%)
- Black (5%)





- Cyan (99%)
- Magenta (66%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 92.876, 296.113 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 43, 92.876, 296.113 by changing the saturation by 10% instead.


 43, 92.876,
296.113


 43, 92.876,
296.113


 100, 92.876,
296.113


 33, 92.876,
296.113

 63, 92.876,
296.113


 23, 92.876,
296.113

 73, 92.876,
296.113

 13, 92.876,
296.113

 83, 92.876,
296.113

 3, 92.876, 296.113

 93, 92.876,
296.113

 0, 92.876, 296.113

 43, 92.876,

 43, 92.876,

296.113

■ 42, 94.294,
296.589

296.113

■ 47, 82.677,
292.441

■ 52, 72.520,
288.714

■ 57, 62.596,
285.179

■ 62, 52.941,
281.973

■ 68, 43.522,
279.153

■ 74, 34.294,
276.717

■ 79, 25.222,
274.635

■ 85, 16.287,
272.862

Harmonies

Complementary

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



43, 92.876, 296.113



72, 79.170, 74.363

Rectangle

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



43, 92.876, 296.113



43, 92.876, 346.113



43, 92.876, 116.113



43, 92.876, 166.113

Sweetspot

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



43, 92.877, 296.115



82, 27.535, 274.922



85, 72.491, 157.997



41, 18.844, 275.782



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 92.877, 296.115



45, 98.049, 296.684



32, 127.300, 306.759



48, 4.975, 271.486



32, 75.847, 295.966



7, 28.928, 290.011

Inverse Universe

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



52, 82.846, 17.270



54, 86.478, 18.184



91, 94.643, 111.960



48, 5.609, 353.770



39, 67.944, 16.997



9, 29.617, 8.190

Previews

White Background



This preview shows how the CIE LCh color 43, 92.876, 296.113 looks on a white background.

Color Contrast Check

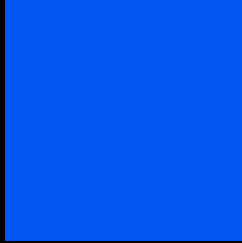
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 92.876, 296.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

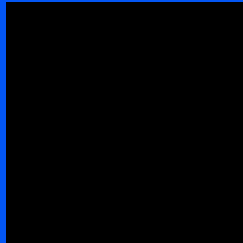
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 92.876, 296.113

Background



This preview shows how black text looks on a background with the CIELCh color 43, 92.876, 296.113.



This preview shows how white text looks on a background with the CIELCh color 43, 92.876, 296.113.

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

43, 92.876, 296.113

Protanopia

43, 65.082, 286.923

Deuteranopia

43, 44.799, 272.913



Tritanopia
43, 26.567, 204.487

Trichromacy



Original Color
43, 92.876, 296.113

Protanomaly
43, 75.364, 291.121

Deuteranomaly
42, 62.305, 285.802

Tritanomaly
42, 39.288, 267.236

Monochromacy



Original Color
43, 92.876, 296.113

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 35.925, 282.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 92.876, 296.113 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, 86, 243)` looks like.

```
.text, #text, p{  
    color:rgb(3, 86, 243)  
}
```

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, 86, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 86, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 92.876, 296.113 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, 86, 243) }
```

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

```
.border{ border-color:rgb(3, 86, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 86, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 86, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 86, 243);  
box-shadow:4px 4px 4px 4px rgb(3, 86, 243)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 92.876, 296.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 86, 243) }
```

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

```
.background{ background-color: rgb(3, 86,  
243) }
```

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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