

Converting Colors

CIELCh(35, 128.946, 308.283)

Have a look what the booklet for
CIELCh(35, 128.946, 308.283)
contains.

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Color

CIELCh(35, 128.449, 308.244)

Conversions

Conversions Part 1

Format	Color
Hex	4D00FB
RGB	77, 0, 251
RGB Percent	30%, 0%, 98%
CMY	0.6995, 1.0000, 0.0167
CMYK	0.69, 1.00, 0.00, 0.02
HSL	258°, 100%, 49%
HSV	258°, 100%, 98%
XYZ	20.3948, 8.4984, 91.6142
YIQ	51.6370, -34.6790, 94.3850

Conversions

Conversions Part 2

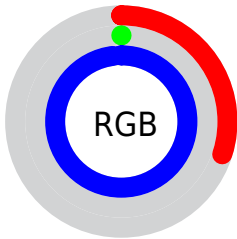
Format	Color
RYB	77, 0, 251
Decimal	5046523
CIELab	35.00, 79.51, -100.88
CIElCh	35, 128.449, 308.244
Yxy	8.4984, 0.1692, 0.0705
Android (android.graphics.Color)	4283236603 (0xFF4D00FB)
YUV	51.6370, 98.2860, 22.2434
Hunter-Lab	29.1520, 73.8627, -165.9206

Details

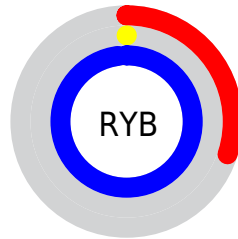
The CIELCh color **35, 128.449, 308.244** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **91, 101.268, 120.425**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 101.797, 310.287**, and **23, 108.515, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 128.372, 308.230**, and if you desaturate by 10%, it is **38, 122.629, 308.459**.

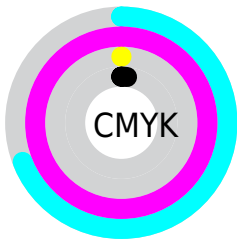
Distribution



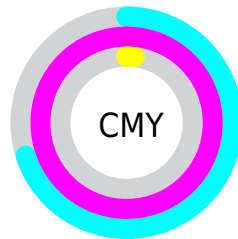
- Red (30%)
- Green (0%)
- Blue (98%)



- Red (30%)
- Yellow (0%)
- Blue (98%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (70%)
- Magenta (100%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 128.449, 308.244 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 35, 128.449, 308.244 by changing the saturation by 10% instead.


 35, 128.449,
308.244


 35, 128.449,
308.244

 100, 128.449,
308.244


 25, 128.449,
308.244


 55, 128.449,
308.244


 15, 128.449,
308.244


 65, 128.449,
308.244

 5, 128.449,
308.244

 75, 128.449,
308.244

 0, 128.449,
308.244

 85, 128.449,
308.244

 95, 128.449,
308.244

■ 35, 128.449,
308.244

■ 35, 128.449,
308.244

■ 35, 128.372,
308.230

■ 38, 122.629,
308.459

■ 42, 113.011,
308.216

■ 48, 100.337,
307.579

■ 54, 86.016,
306.730

■ 61, 71.067,
305.808

■ 69, 56.091,
304.901

■ 76, 41.395,
304.054

■ 84, 27.123,

303.287

■ 91, 13.325,
302.604

Harmonies

Complementary

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



35, 128.449, 308.244



91, 101.268, 120.425

Rectangle

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



35, 128.449, 308.244



35, 128.449, 358.244



35, 128.449, 128.244



35, 128.449, 178.244

Sweetspot

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



35, 128.372, 308.230



77, 41.967, 304.056



68, 48.787, 257.168



38, 28.833, 304.405



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



35, 128.372, 308.230



36, 130.037, 308.222



51, 116.338, 320.572



48, 7.547, 302.572



25, 103.470, 308.386



4, 42.850, 307.381

Inverse Universe

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



56, 90.488, 345.733



57, 91.636, 345.754



87, 116.370, 134.825



49, 7.191, 335.138



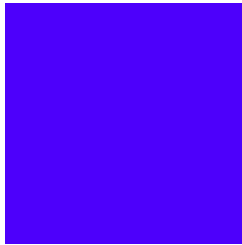
42, 73.329, 345.334



10, 34.025, 342.556

Previews

White Background



This preview shows how the CIE LCh color 35, 128.449, 308.244 looks on a white background.

Color Contrast Check

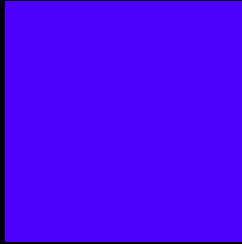
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 35, 128.449, 308.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

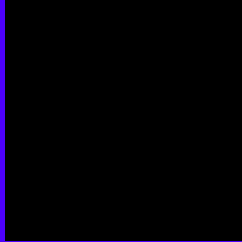
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 128.449, 308.244

Background



This preview shows how black text looks on a background with the CIELCh color 35, 128.449, 308.244.



This preview shows how white text looks on a background with the CIELCh color 35, 128.449, 308.244.

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

35, 128.449, 308.244

Protanopia

35, 55.569, 286.264

Deuteranopia

35, 37.580, 271.021

Trichromacy



Original Color
35, 128.449, 308.244

Protanomaly
31, 90.821, 301.293

Deuteranomaly
30, 79.213, 299.283

Monochromacy



Original Color
35, 128.449, 308.244

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 59.902, 307.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 128.449, 308.244 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(77, 0, 251)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 251)  
}
```

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(77, 0, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 128.449, 308.244 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(77, 0, 251) }
```

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

```
.border{ border-color:rgb(77, 0, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 0, 251);  
box-shadow:4px 4px 4px 4px rgb(77, 0, 251)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 128.449, 308.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 251) }
```

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

```
.background{ background-color: rgb(77, 0,  
251) }
```

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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