

Converting Colors

CIELCh(35, 127.839, 308.156)

Have a look what the booklet for
CIELCh(35, 127.839, 308.156)
contains.

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Color

CIELCh(35, 127.839, 308.156)

Conversions

Conversions Part 1

Format	Color
Hex	4C02FA
RGB	76, 2, 250
RGB Percent	30%, 1%, 98%
CMY	0.7014, 0.9914, 0.0192
CMYK	0.70, 0.99, 0.00, 0.02
HSL	258°, 98%, 49%
HSV	258°, 99%, 98%
XYZ	20.2862, 8.4984, 91.0945
YIQ	52.3980, -35.5040, 92.8160

Conversions

Conversions Part 2

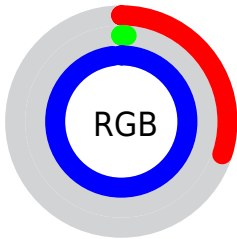
Format	Color
R_{YB}	76, 2, 250
Decimal	4981498
CIE _{Lab}	35.00, 78.98, -100.52
CIE _{LCh}	35, 127.839, 308.156
Yxy	8.4984, 0.1692, 0.0709
Android (android.graphics.Color)	4283171578 (0xFF4C02FA)
YUV	52.3980, 97.4178, 20.6990
Hunter-Lab	29.1520, 73.1982, -164.8637

Details

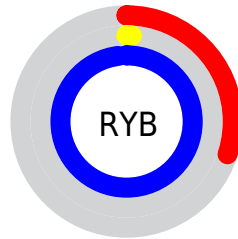
The CIELCh color **35, 127.839, 308.156** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **91, 100.609, 119.976**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 101.337, 310.046**, and **23, 108.096, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 128.280, 308.139**, and if you desaturate by 10%, it is **38, 121.838, 308.343**.

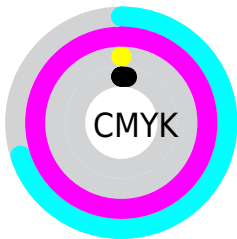
Distribution



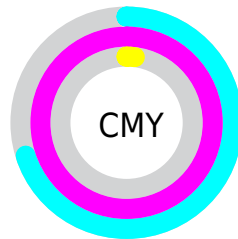
- Red (30%)
- Green (1%)
- Blue (98%)



- Red (30%)
- Yellow (1%)
- Blue (98%)



- Cyan (70%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)





- Cyan (70%)
- Magenta (99%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 127.839, 308.156 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, 127.839, 308.156 by changing the saturation by 10% instead.


 35, 127.839,
308.156


 35, 127.839,
308.156


 100, 127.839,
308.156


 25, 127.839,
308.156


 55, 127.839,
308.156


 15, 127.839,
308.156


 65, 127.839,
308.156

 5, 127.839,
308.156

 75, 127.839,
308.156

 0, 127.839,
308.156

 85, 127.839,
308.156

 95, 127.839,
308.156

■ 35, 127.839,
308.156

■ 35, 127.839,
308.156

■ 35, 128.280,
308.139

■ 38, 121.838,
308.343

■ 42, 111.866,
308.032

■ 48, 98.972,
307.343

■ 55, 84.552,
306.458

■ 62, 69.590,
305.514

■ 69, 54.650,
304.593

■ 76, 40.018,
303.738

■ 84, 25.821,

302.967

■ 91, 12.105,
302.283

Harmonies

Complementary

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



35, 127.839, 308.156



91, 100.609, 119.976

Rectangle

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



35, 127.839, 308.156



35, 127.839, 358.156



35, 127.839, 128.156



35, 127.839, 178.156

Sweetspot

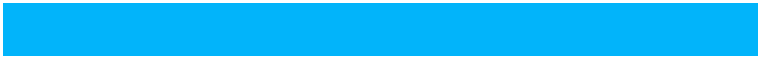
The Sweet Spot groups the original color and five complimentary colors.



35, 127.841, 308.157



77, 41.938, 303.812



69, 47.212, 253.539



38, 28.816, 304.167



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, 127.841, 308.157



36, 130.197, 308.130



50, 116.191, 320.032



48, 7.540, 302.306



25, 103.599, 308.291



4, 42.830, 307.200

Inverse Universe

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



56, 90.731, 345.002



57, 92.061, 345.200



87, 115.578, 134.592



49, 7.228, 334.839



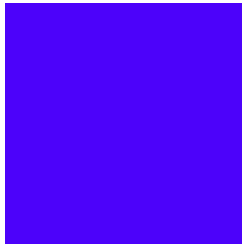
42, 73.667, 344.795



10, 34.173, 342.117

Previews

White Background



This preview shows how the CIELCh color 35, 127.839, 308.156 looks on a white background.

Color Contrast Check

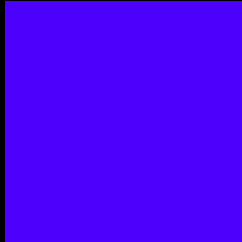
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127.839, 308.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

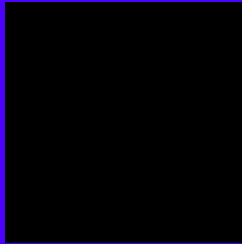
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 127.839, 308.156

Background



This preview shows how black text looks on a background with the CIELCh color 35, 127.839, 308.156.



This preview shows how white text looks on a background with the CIELCh color 35, 127.839, 308.156.

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, 127.839, 308.156

Protanopia

35, 54.996, 285.986

Deuteranopia

35, 37.580, 271.021



Tritanopia
35, 23.060, 206.058

Trichromacy



Original Color
35, 127.839, 308.156

Protanomaly
31, 89.704, 301.037

Deuteranomaly
31, 78.573, 299.019

Tritanomaly
29, 59.957, 294.719

Monochromacy



Original Color
35, 127.839, 308.156

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 58.629, 307.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 127.839, 308.156 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(76, 2, 250)` looks like.

```
.text, #text, p{  
    color:rgb(76, 2, 250)  
}
```

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(76, 2, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 2, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 127.839, 308.156 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(76, 2, 250) }
```

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

```
.border{ border-color:rgb(76, 2, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 2, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 2, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 2, 250);  
box-shadow:4px 4px 4px 4px rgb(76, 2, 250)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 127.839, 308.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 2, 250) }
```

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

```
.background{ background-color: rgb(76, 2,  
250) }
```

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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