

Converting Colors

CIELCh(35, 124.906, 308.930)

Have a look what the booklet for
CIELCh(35, 124.906, 308.930)
contains.

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Color

CIELCh(35, 124.672, 308.901)

Conversions

Conversions Part 1

Format	Color
Hex	5600F4
RGB	86, 0, 244
RGB Percent	34%, 0%, 96%
CMY	0.6631, 1.0000, 0.0434
CMYK	0.65, 1.00, 0.00, 0.04
HSL	261°, 100%, 48%
HSV	261°, 100%, 96%
XYZ	20.1463, 8.4984, 86.1126
YIQ	53.5300, -27.0680, 94.1160

Conversions

Conversions Part 2

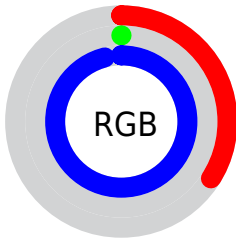
Format	Color
R _Y B	86, 0, 244
Decimal	5636340
CIE Lab	35.00, 78.29, -97.02
CIE LCh	35, 124.672, 308.901
Yxy	8.4984, 0.1756, 0.0741
Android (android.graphics.Color)	4283826420 (0xFF5600F4)
YUV	53.5300, 93.9017, 28.4762
Hunter-Lab	29.1520, 72.3416, -154.7315

Details

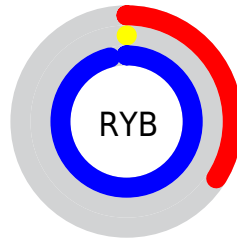
The CIELCh color **35, 124.672, 308.901** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **88, 100.672, 122.576**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 101.144, 310.904**, and **22, 105.570, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 124.651, 308.898**, and if you desaturate by 10%, it is **38, 119.101, 309.242**.

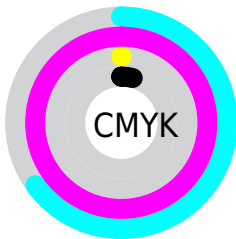
Distribution



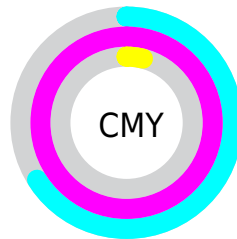
- Red (34%)
- Green (0%)
- Blue (96%)



- Red (34%)
- Yellow (0%)
- Blue (96%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)





- Cyan (66%)
- Magenta (100%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 124.672, 308.901 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, 124.672, 308.901 by changing the saturation by 10% instead.


 35, 124.672,
308.901


 35, 124.672,
308.901


 100, 124.672,
308.901


 25, 124.672,
308.901


 55, 124.672,
308.901


 15, 124.672,
308.901


 65, 124.672,
308.901

 5, 124.672,
308.901

 75, 124.672,
308.901

 0, 124.672,
308.901

 85, 124.672,
308.901

 95, 124.672,
308.901

■ 35, 124.672,
308.901

■ 35, 124.672,
308.901

■ 35, 124.651,
308.898

■ 38, 119.101,
309.242

■ 42, 109.944,
309.143

■ 47, 97.847,
308.660

■ 54, 84.083,
307.959

■ 60, 69.618,
307.169

■ 67, 55.041,
306.371

■ 74, 40.676,
305.614

■ 82, 26.679,

304.919

■ 89, 13.118,
304.293

Harmonies

Complementary

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



35, 124.672, 308.901



88, 100.672, 122.576

Rectangle

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



35, 124.672, 308.901



35, 124.672, 358.901



35, 124.672, 128.901



35, 124.672, 178.901

Sweetspot

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



35, 124.651, 308.898



77, 42.170, 305.619



63, 52.258, 265.823



38, 28.958, 305.933



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, 124.651, 308.898



37, 128.949, 308.874



52, 113.151, 322.401



47, 7.470, 304.263



26, 101.553, 309.064



4, 41.028, 308.090

Inverse Universe

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



54, 86.247, 349.407



56, 89.154, 349.476



85, 114.693, 135.299



48, 6.839, 337.128



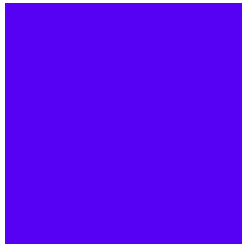
41, 70.637, 348.927



9, 32.279, 345.315

Previews

White Background



This preview shows how the CIELCh color 35, 124.672, 308.901 looks on a white background.

Color Contrast Check

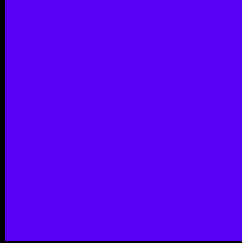
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124.672, 308.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

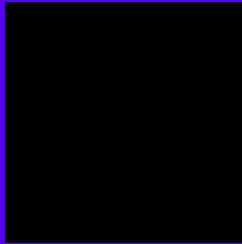
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 124.672, 308.901

Background



This preview shows how black text looks on a background with the CIELCh color 35, 124.672, 308.901.



This preview shows how white text looks on a background with the CIELCh color 35, 124.672, 308.901.

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, 124.672, 308.901

Protanopia

35, 54.929, 285.724

Deuteranopia

35, 38.102, 271.635



Tritanopia
35, 23.238, 205.965

Trichromacy



Original Color
35, 124.672, 308.901

Protanomaly
31, 88.579, 301.073

Deuteranomaly
30, 78.046, 299.318

Tritanomaly
29, 59.315, 294.906

Monochromacy



Original Color
35, 124.672, 308.901

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 57.381, 308.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 124.672, 308.901 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(86, 0, 244)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 244)  
}
```

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(86, 0, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 124.672, 308.901 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(86, 0, 244) }
```

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

```
.border{ border-color:rgb(86, 0, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 0, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(86, 0, 244)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 124.672, 308.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 244) }
```

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

```
.background{ background-color: rgb(86, 0,  
244) }
```

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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