

Converting Colors

CIELCh(35, 119.358, 306.929)

Have a look what the booklet for
CIELCh(35, 119.358, 306.929)
contains.

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Color

CIELCh(35, 119.393, 306.920)

Conversions

Conversions Part 1

Format	Color
Hex	461CF1
RGB	70, 28, 241
RGB Percent	27%, 11%, 95%
CMY	0.7249, 0.8898, 0.0546
CMYK	0.71, 0.88, 0.00, 0.05
HSL	252°, 88%, 53%
HSV	252°, 88%, 95%
XYZ	18.8432, 8.4984, 83.9355
YIQ	64.8400, -43.3410, 75.1470

Conversions

Conversions Part 2

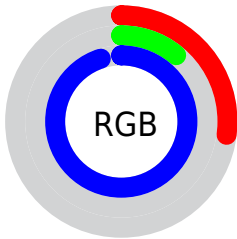
Format	Color
R _Y B	70, 28, 241
Decimal	4594929
CIE Lab	35.00, 71.72, -95.45
CIE LCh	35, 119.393, 306.920
Yxy	8.4984, 0.1693, 0.0764
Android (android.graphics.Color)	4282785009 (0xFF461CF1)
YUV	64.8400, 86.8469, 4.5253
Hunter-Lab	29.1520, 64.3622, -150.3035

Details

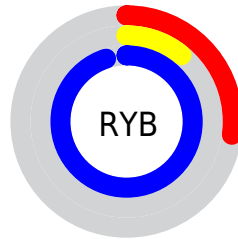
The CIELCh color **35, 119.393, 306.920** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **89, 92.061, 113.950**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 96.848, 308.180**, and **22, 104.301, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 125.737, 307.107**, and if you desaturate by 10%, it is **40, 108.863, 306.179**.

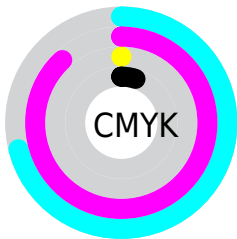
Distribution



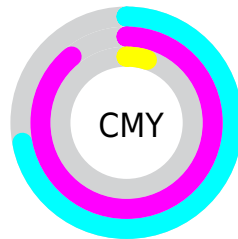
- Red (27%)
- Green (11%)
- Blue (95%)



- Red (27%)
- Yellow (11%)
- Blue (95%)



- Cyan (71%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)





- Cyan (72%)
- Magenta (89%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 119.393, 306.920 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, 119.393, 306.920 by changing the saturation by 10% instead.


 35, 119.393,
306.920


 35, 119.393,
306.920


 100, 119.393,
306.920


 25, 119.393,
306.920


 55, 119.393,
306.920


 15, 119.393,
306.920


 65, 119.393,
306.920

 5, 119.393,
306.920

 75, 119.393,
306.920

 0, 119.393,
306.920

 85, 119.393,
306.920

 95, 119.393,
306.920

■ 35, 119.393,
306.920

■ 35, 119.393,
306.920

■ 32, 125.737,
307.107

■ 40, 108.863,
306.179

■ 32, 126.566,
307.128

■ 45, 95.568,
305.061

■ 52, 81.031,
303.788

■ 59, 66.215,
302.514

■ 66, 51.612,
301.324

■ 74, 37.438,
300.253

■ 81, 23.767,
299.310

■ 89, 10.611,

298.490

■ 96, 2.048, 117.790

Harmonies

Complementary

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



35, 119.393, 306.920



89, 92.061, 113.950

Rectangle

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



35, 119.393, 306.920



35, 119.393, 356.920



35, 119.393, 126.920



35, 119.393, 176.920

Sweetspot

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



35, 119.395, 306.921



79, 37.228, 300.126



75, 40.936, 228.553



39, 25.251, 300.473



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, 119.395, 306.921



34, 132.095, 307.109



47, 110.779, 317.406



46, 7.204, 298.577



23, 103.011, 307.239



3, 38.381, 303.326

Inverse Universe

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



56, 93.641, 336.956



58, 98.865, 338.237



85, 105.626, 132.180



47, 7.506, 331.001



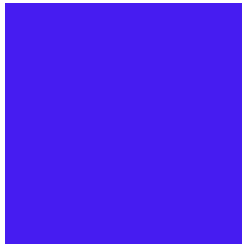
42, 77.477, 337.993



9, 34.527, 336.380

Previews

White Background



This preview shows how the CIE LCh color 35, 119.393, 306.920 looks on a white background.

Color Contrast Check

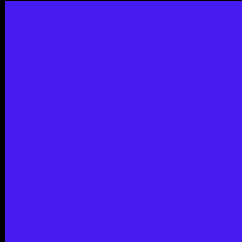
Large Text (above 18pt) WCAG AA ✓ Pass

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, 119.393, 306.920 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, 119.393, 306.920

Background



This preview shows how black text looks on a background with the CIELCh color 35, 119.393, 306.920.



This preview shows how white text looks on a background with the CIELCh color 35, 119.393, 306.920.

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, 119.393, 306.920

Protanopia

35, 54.491, 285.968

Deuteranopia

35, 37.575, 271.733



Tritanopia
35, 22.962, 204.486

Trichromacy



Original Color
35, 119.393, 306.920

Protanomaly
32, 82.111, 298.764

Deuteranomaly
32, 70.542, 295.988

Tritanomaly
31, 51.492, 289.383

Monochromacy



Original Color
35, 119.393, 306.920

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 49.719, 303.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 119.393, 306.920 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(70, 28, 241)` looks like.

```
.text, #text, p{  
    color:rgb(70, 28, 241)  
}
```

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(70, 28, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 28, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 119.393, 306.920 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(70, 28, 241) }
```

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

```
.border{ border-color:rgb(70, 28, 241) }
```

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

Here you see how a box with a 4 pixel rgb(70, 28, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 28, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 28, 241);  
box-shadow:4px 4px 4px 4px rgb(70, 28,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 119.393, 306.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 28, 241) }
```

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

```
.background{ background-color: rgb(70, 28,  
241) }
```

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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