

Converting Colors

CIELCh(35, 95.982, 308.597)

Have a look what the booklet for
CIELCh(35, 95.982, 308.597)
contains.

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Color

CIELCh(35, 96.411, 308.606)

Conversions

Conversions Part 1

Format	Color
Hex	5F29CE
RGB	95, 41, 206
RGB Percent	37%, 16%, 81%
CMY	0.6268, 0.8387, 0.1916
CMYK	0.54, 0.80, 0.00, 0.19
HSL	260°, 67%, 48%
HSV	260°, 80%, 81%
XYZ	16.6890, 8.4984, 59.2386
YIQ	75.9560, -20.7810, 62.7630

Conversions

Conversions Part 2

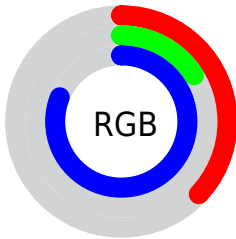
Format	Color
R_{YB}	95, 41, 206
Decimal	6236622
CIE _{Lab}	35.00, 60.16, -75.34
CIE _{LCh}	35, 96.411, 308.606
Yxy	8.4984, 0.1977, 0.1007
Android (android.graphics.Color)	4284426702 (0xFF5F29CE)
YUV	75.9560, 64.1117, 16.7016
Hunter-Lab	29.1520, 51.1719, -100.0743

Details

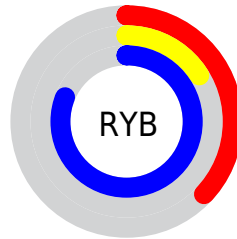
The CIELCh color **35, 96.411, 308.606** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **77, 79.854, 119.748**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 91.694, 309.070**, and **17, 89.497, 306.685** is the 20% darker color. If you saturate the color by 10%, you get **31, 104.788, 308.819**, and if you desaturate by 10%, it is **40, 85.574, 308.028**.

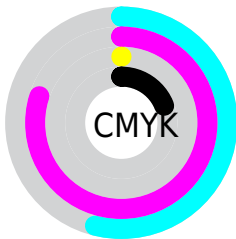
Distribution



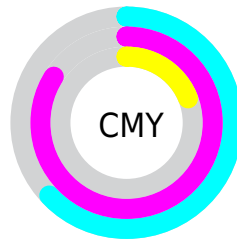
- Red (37%)
- Green (16%)
- Blue (81%)



- Red (37%)
- Yellow (16%)
- Blue (81%)



- Cyan (54%)
- Magenta (80%)
- Yellow (0%)
- Black (19%)





- Cyan (63%)
- Magenta (84%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 96.411, 308.606 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, 96.411, 308.606 by changing the saturation by 10% instead.


 35, 96.411,
308.606


 35, 96.411,
308.606

 100, 96.411,
308.606


 25, 96.411,
308.606

 55, 96.411,
308.606


 15, 96.411,
308.606


 65, 96.411,
308.606

 5, 96.411, 308.606

 75, 96.411,
308.606

 0, 96.411, 308.606

 85, 96.411,
308.606

 95, 96.411,
308.606

■ 35, 96.411,
308.606

■ 35, 96.411,
308.606

■ 31, 104.788,
308.819

■ 40, 85.574,
308.028

■ 29, 110.183,
308.630

■ 45, 73.396,
307.250

■ 51, 60.693,
306.400

■ 57, 47.951,
305.556

■ 64, 35.428,
304.763

■ 70, 23.246,
304.040

■ 76, 11.454,
303.393

■ 83, 0.064, 301.897

■ 89, 10.933,
122.340

Harmonies

Complementary

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



35, 96.411, 308.606



77, 79.854, 119.748

Rectangle

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



35, 96.411, 308.606



35, 96.411, 358.606



35, 96.411, 128.606



35, 96.411, 178.606

Sweetspot

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



35, 96.412, 308.607



82, 33.311, 304.338



60, 37.728, 250.131



41, 23.022, 304.602



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, 96.412, 308.607



37, 127.575, 308.659



46, 92.198, 321.871



40, 6.405, 303.353



22, 93.517, 308.778



2, 23.948, 300.928

Inverse Universe

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



48, 73.818, 343.262



57, 90.437, 346.539



73, 91.430, 134.663



40, 5.991, 336.037



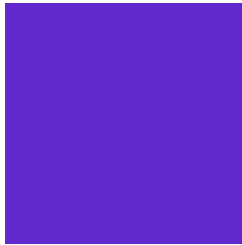
36, 65.849, 346.753



4, 22.253, 342.440

Previews

White Background



This preview shows how the CIELCh color 35, 96.411, 308.606 looks on a white background.

Color Contrast Check

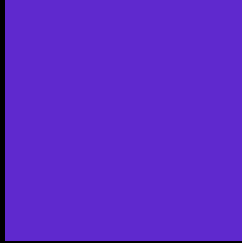
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.411, 308.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

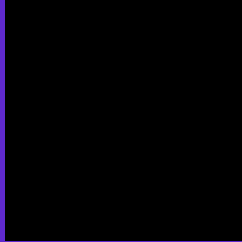
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 96.411, 308.606

Background



This preview shows how black text looks on a background with the CIELCh color 35, 96.411, 308.606.



This preview shows how white text looks on a background with the CIELCh color 35, 96.411, 308.606.

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, 96.411, 308.606

Protanopia

35, 54.423, 285.703

Deuteranopia

35, 38.101, 271.987



Tritanopia
35, 11.515, 220.558

Trichromacy



Original Color
35, 96.411, 308.606

Protanomaly
33, 71.349, 296.495

Deuteranomaly
33, 60.694, 293.385

Tritanomaly
33, 40.899, 297.592

Monochromacy



Original Color
35, 96.411, 308.606

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 38.675, 306.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 96.411, 308.606 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(95, 41, 206)` looks like.

```
.text, #text, p{  
    color:rgb(95, 41, 206)  
}
```

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(95, 41, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 41, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 96.411, 308.606 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(95, 41, 206) }
```

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

```
.border{ border-color:rgb(95, 41, 206) }
```

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

Here you see how a box with a 4 pixel rgb(95, 41, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 41, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 41, 206);  
box-shadow:4px 4px 4px 4px rgb(95, 41,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 96.411, 308.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 41, 206) }
```

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

```
.background{ background-color: rgb(95, 41,  
206) }
```

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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