

Converting Colors

CIELCh(35, 111.695, 311.576)

Have a look what the booklet for
CIELCh(35, 111.695, 311.576)
contains.

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Color

CIELCh(35, 111.440, 311.586)

Conversions

Conversions Part 1

Format	Color
Hex	6D03DC
RGB	109, 3, 220
RGB Percent	43%, 1%, 86%
CMY	0.5722, 0.9875, 0.1369
CMYK	0.50, 0.99, 0.00, 0.14
HSL	269°, 97%, 44%
HSV	269°, 99%, 86%
XYZ	19.2825, 8.4984, 68.3941
YIQ	59.4320, -6.4810, 89.9590

Conversions

Conversions Part 2

Format	Color
R _Y B	109, 3, 220
Decimal	7144412
CIE Lab	35.00, 73.97, -83.35
CIE LCh	35, 111.440, 311.586
Yxy	8.4984, 0.2005, 0.0884
Android (android.graphics.Color)	4285334492 (0xFF6D03DC)
YUV	59.4320, 79.1600, 43.4711
Hunter-Lab	29.1520, 67.0520, -118.6950

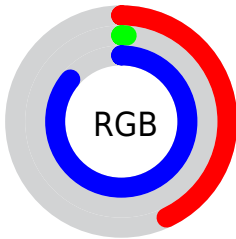
Details

The CIELCh color **35, 111.440, 311.586** is a dark color, and the websafe version is hex **6600CC**.

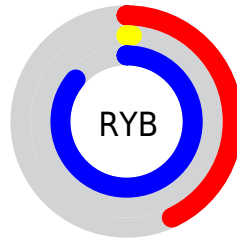
The color can be described as dark washed purple. A complement of this color would be **79, 96.931, 127.682**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **53, 100.227, 313.227**, and **20, 93.953, 307.513** is the 20% darker color. If you saturate the color by 10%, you get **35, 112.074, 311.505**, and if you desaturate by 10%, it is **38, 106.417, 312.127**.

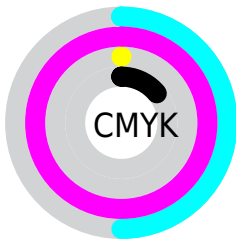
Distribution



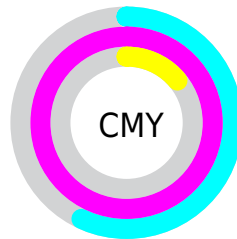
- Red (43%)
- Green (1%)
- Blue (86%)



- Red (43%)
- Yellow (1%)
- Blue (86%)



- Cyan (50%)
- Magenta (99%)
- Yellow (0%)
- Black (14%)





- Cyan (57%)
- Magenta (99%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 111.440, 311.586 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, 111.440, 311.586 by changing the saturation by 10% instead.


 35, 111.440,
311.586


 35, 111.440,
311.586


 100, 111.440,
311.586


 25, 111.440,
311.586


 55, 111.440,
311.586


 15, 111.440,
311.586


 65, 111.440,
311.586

 5, 111.440,
311.586

 75, 111.440,
311.586

 0, 111.440,
311.586

 85, 111.440,
311.586

 95, 111.440,
311.586

■ 35, 111.440,
311.586

■ 35, 111.440,
311.586

■ 35, 112.074,
311.505

■ 38, 106.417,
312.127

■ 41, 98.336,
312.269

■ 46, 87.753,
312.082

■ 51, 75.596,
311.686

■ 57, 62.631,
311.176

■ 63, 49.385,
310.621

■ 70, 36.181,
310.064

■ 76, 23.202,

309.531

■ 82, 10.544,
309.032

Harmonies

Complementary

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



35, 111.440, 311.586



79, 96.931, 127.682

Rectangle

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



35, 111.440, 311.586



35, 111.440, 1.586



35, 111.440, 131.586



35, 111.440, 181.586

Sweetspot

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



35, 111.441, 311.587



78, 42.929, 310.158



49, 62.269, 282.314



39, 29.428, 310.394



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, 111.441, 311.587



40, 125.371, 311.412



52, 103.213, 327.566



43, 6.989, 309.075



27, 93.640, 311.686



3, 31.153, 308.929

Inverse Universe

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



48, 75.752, 0.843



55, 84.776, 1.806



77, 106.772, 136.008



43, 5.683, 343.761



37, 63.629, 0.679



6, 25.191, 353.692

Previews

White Background



This preview shows how the CIE LCh color 35, 111.440, 311.586 looks on a white background.

Color Contrast Check

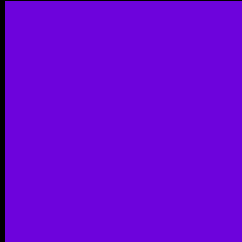
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.440, 311.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

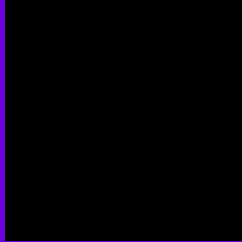
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 111.440, 311.586

Background



This preview shows how black text looks on a background with the CIELCh color 35, 111.440, 311.586.



This preview shows how white text looks on a background with the CIELCh color 35, 111.440, 311.586.

311.586.

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

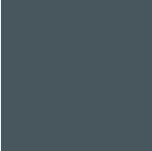
35, 111.440, 311.586

Protanopia

36, 55.500, 286.004

Deuteranopia

35, 38.626, 272.232



Tritanopia
36, 6.653, 239.937

Trichromacy



Original Color
35, 111.440, 311.586

Protanomaly
31, 83.463, 300.983

Deuteranomaly
30, 72.723, 299.160

Tritanomaly
31, 52.884, 308.011

Monochromacy



Original Color
35, 111.440, 311.586

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 51.817, 312.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 111.440, 311.586 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(109, 3, 220)` looks like.

```
.text, #text, p{  
    color:rgb(109, 3, 220)  
}
```

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(109, 3, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 3, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 111.440, 311.586 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(109, 3, 220) }
```

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

```
.border{ border-color:rgb(109, 3, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 3, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 3, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 3, 220);  
box-shadow:4px 4px 4px 4px rgb(109, 3,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 111.440, 311.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 3, 220) }
```

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

```
.background{ background-color: rgb(109, 3,  
220) }
```

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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