

Converting Colors

CIELCh(35, 105.498, 303.448)

Have a look what the booklet for
CIELCh(35, 105.498, 303.448)
contains.

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Color

CIELCh(35, 105.555, 303.433)

Conversions

Conversions Part 1

Format	Color
Hex	2F32E4
RGB	47, 50, 228
RGB Percent	18%, 20%, 89%
CMY	0.8151, 0.8037, 0.1056
CMYK	0.79, 0.78, 0.00, 0.11
HSL	239°, 77%, 54%
HSV	239°, 79%, 89%
XYZ	16.3339, 8.4984, 74.2259
YIQ	69.3950, -58.9260, 54.7220

Conversions

Conversions Part 2

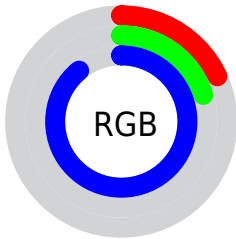
Format	Color
R _Y B	47, 50, 228
Decimal	3093220
CIE Lab	35.00, 58.16, -88.09
CIE LCh	35, 105.555, 303.433
Yxy	8.4984, 0.1649, 0.0858
Android (android.graphics.Color)	4281283300 (0xFF2F32E4)
YUV	69.3950, 78.1923, -19.6404
Hunter-Lab	29.1520, 48.9977, -130.5560

Details

The CIELCh color **35, 105.555, 303.433** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **87, 81.062, 102.535**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 88.669, 303.288**, and **20, 99.188, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **31, 116.057, 305.138**, and if you desaturate by 10%, it is **41, 92.237, 301.273**.

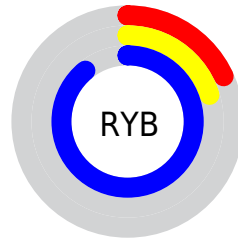
Distribution



Red (18%)

Green (20%)

Blue (89%)



Red (18%)

Yellow (20%)

Blue (89%)

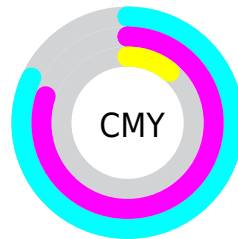


Cyan (79%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (82%)


Magenta (80%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 105.555, 303.433 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, 105.555, 303.433 by changing the saturation by 10% instead.


 35, 105.555,
303.433


 35, 105.555,
303.433


 100, 105.555,
303.433


 25, 105.555,
303.433


 55, 105.555,
303.433


 15, 105.555,
303.433


 65, 105.555,
303.433

 5, 105.555,
303.433

 75, 105.555,
303.433

 0, 105.555,
303.433

 85, 105.555,
303.433

 95, 105.555,
303.433

■ 35, 105.555,
303.433

■ 35, 105.555,
303.433

■ 31, 116.057,
305.138

■ 41, 92.237,
301.273

■ 29, 122.017,
306.093

■ 47, 77.889,
298.990

■ 29, 122.319,
306.138

■ 54, 63.531,
296.818


■ 61, 49.593,
294.871

■ 69, 36.202,
293.180

■ 76, 23.367,
291.737

■ 84, 11.056,
290.515

■ 91, 0.769, 109.369

 98, 12.146,
108.582

Harmonies

Complementary

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



35, 105.555, 303.433



87, 81.062, 102.535

Rectangle

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



35, 105.555, 303.433



35, 105.555, 353.433



35, 105.555, 123.433



35, 105.555, 173.433

Sweetspot

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



35, 105.556, 303.434



81, 32.081, 292.403



83, 44.295, 194.391



40, 22.205, 292.934



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, 105.556, 303.434



33, 130.900, 305.829



42, 101.972, 312.147



44, 6.767, 290.530



21, 101.640, 306.085



2, 33.300, 296.471

Inverse Universe

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



50, 80.104, 32.897



54, 101.413, 38.519



83, 89.870, 125.905



45, 4.815, 18.635



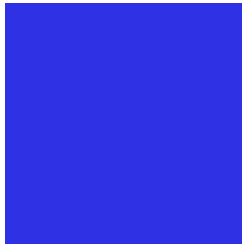
37, 79.266, 39.312



6, 27.050, 21.098

Previews

White Background



This preview shows how the CIE LCh color 35, 105.555, 303.433 looks on a white background.

Color Contrast Check

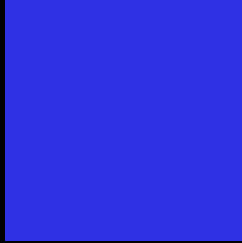
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.555, 303.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

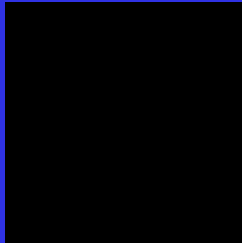
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 105.555, 303.433

Background



This preview shows how black text looks on a background with the CIELCh color 35, 105.555, 303.433.

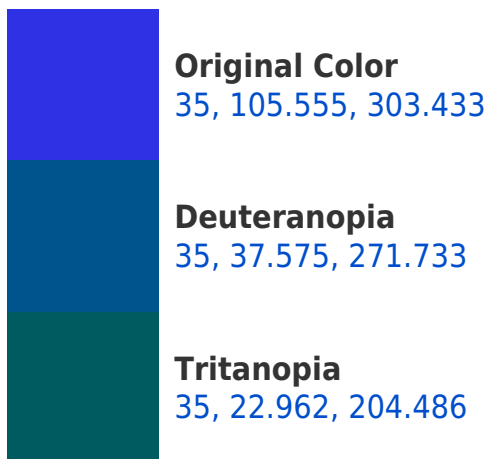


This preview shows how white text looks on a background with the CIELCh color 35, 105.555, 303.433.

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



Trichromacy



Original Color
35, 105.555, 303.433

Deuteranomaly
34, 62.994, 291.797

Tritanomaly
32, 43.536, 281.606

Monochromacy



Original Color
35, 105.555, 303.433

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 41.597, 296.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 105.555, 303.433 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(47, 50, 228)` looks like.

```
.text, #text, p{  
    color:rgb(47, 50, 228)  
}
```

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(47, 50, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 50, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 105.555, 303.433 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(47, 50, 228) }
```

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

```
.border{ border-color:rgb(47, 50, 228) }
```

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

Here you see how a box with a 4 pixel rgb(47, 50, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 50, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 50, 228);  
box-shadow:4px 4px 4px 4px rgb(47, 50,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 105.555, 303.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 50, 228) }
```

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

```
.background{ background-color: rgb(47, 50,  
228) }
```

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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