

Converting Colors

CIELCh(35, 55.247, 314.812)

Have a look what the booklet for
CIELCh(35, 55.247, 314.812)
contains.

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Color

CIELCh(35, 55.310, 314.573)

Conversions

Conversions Part 1

Format	Color
Hex	6E3B92
RGB	110, 59, 146
RGB Percent	43%, 23%, 57%
CMY	0.5690, 0.7690, 0.4279
CMYK	0.25, 0.60, 0.00, 0.43
HSL	275°, 42%, 40%
HSV	275°, 60%, 57%
XYZ	13.1565, 8.4984, 28.0981
YIQ	84.1670, 2.4690, 37.8690

Conversions

Conversions Part 2

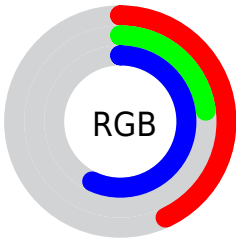
Format	Color
R_{YB}	110, 59, 146
Decimal	7224210
CIE _{Lab}	35.00, 38.82, -39.40
CIE _{LCh}	35, 55.310, 314.573
Yxy	8.4984, 0.2644, 0.1708
Android (android.graphics.Color)	4285414290 (0xFF6E3B92)
YUV	84.1670, 30.4837, 22.6555
Hunter-Lab	29.1520, 29.5425, -36.7402

Details

The CIELCh color **35, 55.310, 314.573** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55, 51.759, 129.391**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 55.412, 314.450**, and **15, 55.315, 314.345** is the 20% darker color. If you saturate the color by 10%, you get **31, 63.726, 314.831**, and if you desaturate by 10%, it is **39, 46.212, 314.198**.

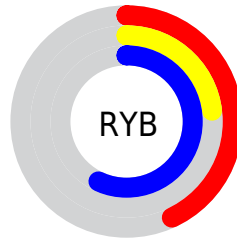
Distribution



Red (43%)

Green (23%)

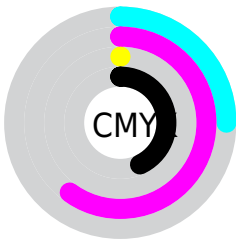
Blue (57%)



Red (43%)

Yellow (23%)

Blue (57%)

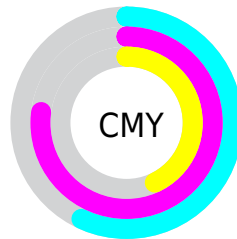


Cyan (25%)

Magenta (60%)

Yellow (0%)

Black (43%)



Cyan (57%)


Magenta (77%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 55.310, 314.573 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, 55.310, 314.573 by changing the saturation by 10% instead.


 35, 55.310,
314.573


 35, 55.310,
314.573

 100, 55.310,
314.573


 25, 55.310,
314.573

 55, 55.310,
314.573


 15, 55.310,
314.573


 65, 55.310,
314.573

 5, 55.310, 314.573

 75, 55.310,
314.573

 0, 55.310, 314.573

 85, 55.310,
314.573

 95, 55.310,
314.573

35, 55.310,
314.573

35, 55.310,
314.573

31, 63.726,
314.831

39, 46.212,
314.198

28, 70.977,
314.897

43, 36.798,
313.761

26, 76.519,
314.687

47, 27.313,
313.302

24, 80.520,
314.253

52, 17.910,
312.844

24, 80.674,
314.240

56, 8.681, 312.402

61, 0.326, 132.361

65, 9.088, 131.645

70, 17.596,
131.300

■ 74, 25.851,
130.992

Harmonies

Complementary

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



35, 55.310, 314.573



55, 51.759, 129.391

Rectangle

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



35, 55.310, 314.573



35, 55.310, 4.573



35, 55.310, 134.573



35, 55.310, 184.573

Sweetspot

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



35, 55.309, 314.573



67, 20.234, 312.788



40, 32.003, 275.721



33, 14.057, 312.906



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35, 55.309, 314.573



40, 80.607, 314.884



40, 54.463, 330.035



29, 5.150, 312.384



22, 77.315, 314.297



1, 4.456, 312.019

Inverse Universe

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



38, 40.582, 356.145



45, 57.932, 359.441



54, 55.158, 141.563



29, 3.848, 349.320



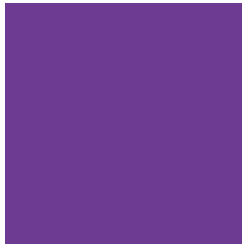
29, 53.445, 8.984



1, 3.321, 348.568

Previews

White Background



This preview shows how the CIELCh color 35, 55.310, 314.573 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, 55.310, 314.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

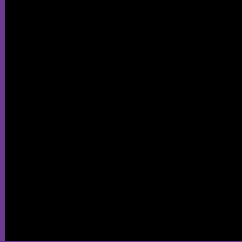
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 55.310, 314.573

Background



This preview shows how black text looks on a background with the CIELCh color 35, 55.310, 314.573.

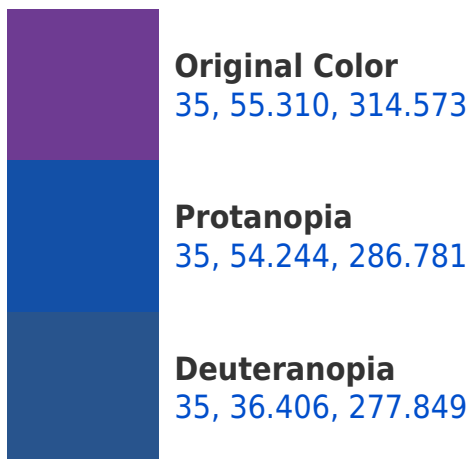


This preview shows how white text looks on a background with the CIELCh color 35, 55.310, 314.573.

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





Tritanopia
35, 10.164, 3.317

Trichromacy



Original Color
35, 55.310, 314.573

Protanomaly
34, 54.249, 293.606

Deuteranomaly
34, 42.435, 293.032

Tritanomaly
35, 25.403, 324.483

Monochromacy



Original Color
35, 55.310, 314.573

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 21.277, 312.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 55.310, 314.573 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(110, 59, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 59, 146)  
}
```

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(110, 59, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 59, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 55.310, 314.573 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(110, 59, 146) }
```

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

```
.border{ border-color:rgb(110, 59, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 59, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 59, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 59, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 59,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 55.310, 314.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 59, 146) }
```

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

```
.background{ background-color: rgb(110, 59,  
146) }
```

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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