

Converting Colors

CIELCh(35, 61.758, 315.521)

Have a look what the booklet for
CIELCh(35, 61.758, 315.521)
contains.

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Color

CIELCh(35, 61.549, 315.501)

Conversions

Conversions Part 1

Format	Color
Hex	723698
RGB	114, 54, 152
RGB Percent	45%, 21%, 60%
CMY	0.5526, 0.7879, 0.4036
CMYK	0.25, 0.64, 0.00, 0.40
HSL	277°, 48%, 40%
HSV	277°, 64%, 60%
XYZ	13.9476, 8.4984, 30.6468
YIQ	83.1120, 4.3020, 43.1980

Conversions

Conversions Part 2

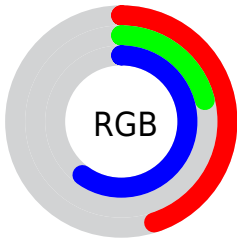
Format	Color
R _Y B	114, 54, 152
Decimal	7485080
CIE Lab	35.00, 43.90, -43.14
CIE LCh	35, 61.549, 315.501
Yxy	8.4984, 0.2627, 0.1601
Android (android.graphics.Color)	4285675160 (0xFF723698)
YUV	83.1120, 33.9618, 27.0888
Hunter-Lab	29.1520, 34.3860, -41.9238

Details

The CIELCh color **35, 61.549, 315.501** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **57, 57.706, 130.060**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 61.903, 315.655**, and **15, 61.063, 315.309** is the 20% darker color. If you saturate the color by 10%, you get **32, 69.597, 315.647**, and if you desaturate by 10%, it is **39, 52.510, 315.201**.

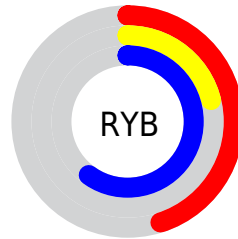
Distribution



Red (45%)

Green (21%)

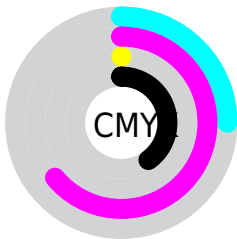
Blue (60%)



Red (45%)

Yellow (21%)

Blue (60%)

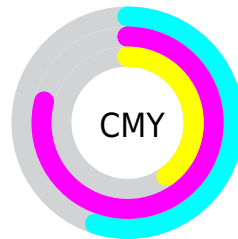


Cyan (25%)

Magenta (64%)

Yellow (0%)

Black (40%)



Cyan (55%)


Magenta (79%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 61.549, 315.501 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, 61.549, 315.501 by changing the saturation by 10% instead.


 35, 61.549,
315.501


 35, 61.549,
315.501

 100, 61.549,
315.501


 25, 61.549,
315.501

 55, 61.549,
315.501


 15, 61.549,
315.501


 65, 61.549,
315.501

 5, 61.549, 315.501

 75, 61.549,
315.501

 0, 61.549, 315.501

 85, 61.549,
315.501

 95, 61.549,
315.501

35, 61.549,
315.501

35, 61.549,
315.501

32, 69.597,
315.647

39, 52.510,
315.201

29, 76.121,
315.561

43, 42.930,
314.809

27, 80.635,
315.167

47, 33.129,
314.373

26, 82.743,
314.912

52, 23.320,
313.923

56, 13.633,
313.479

61, 4.146, 313.040

65, 5.103, 132.705

70, 14.093,
132.332

■ 75, 22.821,
132.004

Harmonies

Complementary

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



35, 61.549, 315.501



57, 57.706, 130.060

Rectangle

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



35, 61.549, 315.501



35, 61.549, 5.501



35, 61.549, 135.501



35, 61.549, 185.501

Sweetspot

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



35, 61.548, 315.501



69, 22.445, 313.697



39, 36.737, 278.754



35, 15.450, 313.814



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 61.548, 315.501



41, 88.433, 315.644



40, 59.145, 330.878



30, 5.329, 313.253



23, 77.950, 314.988



1, 5.687, 312.549

Inverse Universe

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



38, 44.481, 359.144



46, 62.814, 3.138



56, 60.245, 141.374



30, 3.896, 350.942



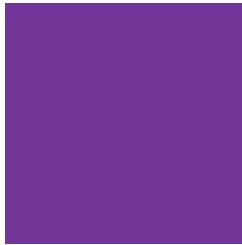
29, 54.345, 11.561



1, 4.135, 350.581

Previews

White Background



This preview shows how the CIELCh color 35, 61.549, 315.501 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, 61.549, 315.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

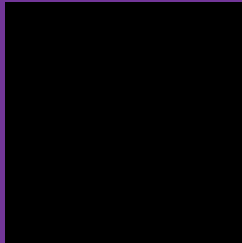
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 61.549, 315.501

Background



This preview shows how black text looks on a background with the CIELCh color 35, 61.549, 315.501.



This preview shows how white text looks on a background with the CIELCh color 35, 61.549, 315.501.

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, 61.549, 315.501

Protanopia
35, 56.141, 286.536

Deuteranopia
35, 39.675, 277.485



Tritanopia
35, 12.500, 4.210

Trichromacy



Original Color
35, 61.549, 315.501

Protanomaly
33, 57.488, 292.813

Deuteranomaly
34, 46.890, 293.055

Tritanomaly
34, 29.102, 325.611

Monochromacy



Original Color
35, 61.549, 315.501

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 24.176, 314.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 61.549, 315.501 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(114, 54, 152)` looks like.

```
.text, #text, p{  
    color:rgb(114, 54, 152)  
}
```

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(114, 54, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 54, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 61.549, 315.501 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(114, 54, 152) }
```

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

```
.border{ border-color:rgb(114, 54, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 54, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 54, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 54, 152);  
box-shadow:4px 4px 4px 4px rgb(114, 54,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 61.549, 315.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 54, 152) }
```

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

```
.background{ background-color: rgb(114, 54,  
152) }
```

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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