

Converting Colors

CIELCh(35, 15.662, 336.335)

Have a look what the booklet for
CIELCh(35, 15.662, 336.335)
contains.

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Color

CIELCh(35, 15.635, 336.318)

Conversions

Conversions Part 1

Format	Color
Hex	654B5D
RGB	101, 75, 93
RGB Percent	40%, 29%, 36%
CMY	0.6057, 0.7075, 0.6370
CMYK	0.00, 0.26, 0.08, 0.61
HSL	318°, 15%, 34%
HSV	318°, 26%, 39%
XYZ	9.7609, 8.4984, 11.3809
YIQ	84.8260, 9.7180, 11.1100

Conversions

Conversions Part 2

Format	Color
R_{YB}	101, 75, 93
Decimal	6638429
CIE _{Lab}	35.00, 14.32, -6.28
CIE _{LCh}	35, 15.635, 336.318
Yxy	8.4984, 0.3293, 0.2867
Android (android.graphics.Color)	4284828509 (0xFF654B5D)
YUV	84.8260, 4.0298, 14.1846
Hunter-Lab	29.1520, 8.7506, -2.7402

Details

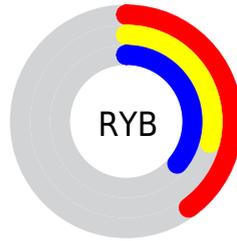
The CIELCh color **35, 15.635, 336.318** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 15.480, 152.714**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 15.463, 336.434**, and **15, 15.359, 337.143** is the 20% darker color. If you saturate the color by 10%, you get **32, 21.661, 337.074**, and if you desaturate by 10%, it is **38, 9.544, 335.606**.

Distribution



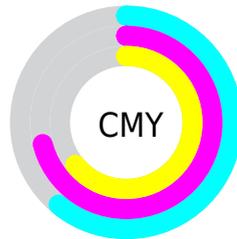
- Red (40%)
- Green (29%)
- Blue (36%)



- Red (40%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (61%)



- Cyan (61%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 15.635, 336.318 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, 15.635, 336.318 by changing the saturation by 10% instead.

 35, 15.635,
336.318

 35, 15.635,
336.318

 100, 15.635,
336.318

 25, 15.635,
336.318

 55, 15.635,
336.318

 15, 15.635,
336.318

 65, 15.635,
336.318

 5, 15.635, 336.318

 75, 15.635,
336.318

 0, 15.635, 336.318

 85, 15.635,
336.318

 95, 15.635,
336.318

35, 15.635,
336.318

35, 15.635,
336.318

32, 21.661,
337.074

38, 9.544, 335.606

30, 27.486,
337.883

41, 3.492, 334.906

44, 2.461, 154.424

27, 32.916,
338.763

47, 8.276, 153.774

25, 37.715,
339.738

50, 13.934,
153.206

23, 41.622,
340.842

53, 19.427,
152.674

22, 44.404,
342.126

56, 24.755,
152.175

21, 46.173,
343.589

59, 29.922,
151.704

21, 46.922,

63, 34.937,

344.183

151.259

Harmonies

Complementary

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



35, 15.635, 336.318



40, 15.480, 152.714

Rectangle

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



35, 15.635, 336.318



35, 15.635, 26.318



35, 15.635, 156.318



35, 15.635, 206.318

Sweetspot

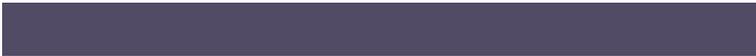
The Sweet Spot groups the original color and five complimentary colors.



35, 15.634, 336.319



51, 5.927, 335.079



33, 16.716, 303.385



26, 4.249, 335.161



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 15.634, 336.319



43, 23.178, 336.770



35, 11.967, 5.789



20, 3.408, 335.128



24, 51.369, 344.508



54, 88.082, 345.840

Inverse Universe

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



35, 15.634, 336.319



43, 23.178, 336.770



40, 10.841, 181.052



20, 3.408, 335.128



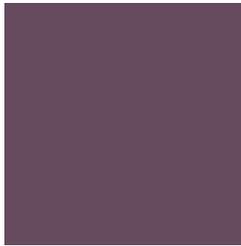
24, 51.369, 344.508



54, 88.082, 345.840

Previews

White Background



This preview shows how the CIE LCh color 35, 15.635, 336.318 looks on a white background.

Color Contrast Check

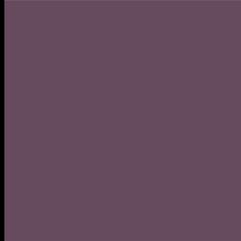
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.635, 336.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

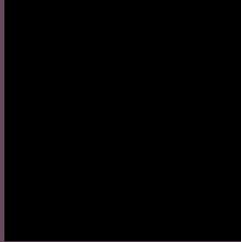
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 15.635, 336.318

Background



This preview shows how black text looks on a background with the CIELCh color 35, 15.635, 336.318.



This preview shows how white text looks on a background with the CIELCh color 35, 15.635, 336.318.

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, 15.635, 336.318

Protanopia

35, 9.408, 284.486

Deuteranopia

35, 7.347, 311.115



Tritanopia
35, 10.772, 0.974

Trichromacy



Original Color
35, 15.635, 336.318

Protanomaly
35, 10.574, 309.782

Deuteranomaly
35, 10.335, 323.204

Tritanomaly
35, 12.777, 349.232

Monochromacy



Original Color
35, 15.635, 336.318

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 5.379, 336.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 15.635, 336.318 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(101, 75, 93)` looks like.

```
.text, #text, p{  
    color:rgb(101, 75, 93)  
}
```

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(101, 75, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 75, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 15.635, 336.318 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(101, 75, 93) }
```

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

```
.border{ border-color:rgb(101, 75, 93) }
```

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

Here you see how a box with a 4 pixel rgb(101, 75, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 75, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 75, 93);  
box-shadow:4px 4px 4px 4px rgb(101, 75,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 15.635, 336.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 75, 93) }
```

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

```
.background{ background-color: rgb(101, 75,  
93) }
```

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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