

Converting Colors

CIELCh(35, 49.528, 317.465)

Have a look what the booklet for
CIELCh(35, 49.528, 317.465)
contains.

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Color

CIELCh(35, 49.481, 317.454)

Conversions

Conversions Part 1

Format	Color
Hex	703C88
RGB	112, 60, 136
RGB Percent	44%, 24%, 53%
CMY	0.5599, 0.7639, 0.4658
CMYK	0.18, 0.56, 0.00, 0.47
HSL	281°, 39%, 39%
HSV	281°, 56%, 53%
XYZ	12.7992, 8.4984, 24.3450
YIQ	84.2120, 6.5960, 34.6600

Conversions

Conversions Part 2

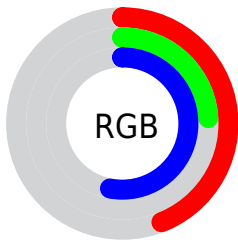
Format	Color
R_{YB}	112, 60, 136
Decimal	7355528
CIE _{Lab}	35.00, 36.45, -33.46
CIE _{LCh}	35, 49.481, 317.454
Yxy	8.4984, 0.2804, 0.1862
Android (android.graphics.Color)	4285545608 (0xFF703C88)
YUV	84.2120, 25.5315, 24.3701
Hunter-Lab	29.1520, 27.3545, -29.1071

Details

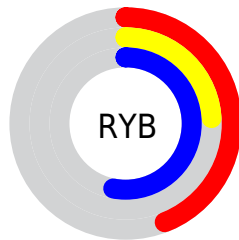
The CIELCh color $35, 49.481, 317.454$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $52, 47.479, 132.536$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 49.403, 317.511$, and $15, 49.901, 317.303$ is the 20% darker color. If you saturate the color by 10%, you get $32, 57.492, 317.695$, and if you desaturate by 10%, it is $39, 40.845, 317.114$.

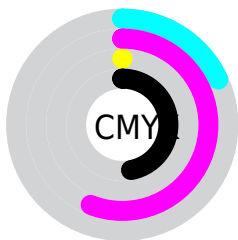
Distribution



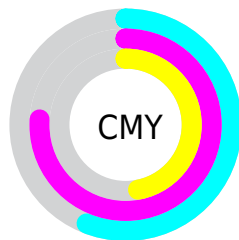
- Red (44%)
- Green (24%)
- Blue (53%)



- Red (44%)
- Yellow (24%)
- Blue (53%)



- Cyan (18%)
- Magenta (56%)
- Yellow (0%)
- Black (47%)





- Cyan (56%)
- Magenta (76%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 49.481, 317.454 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, 49.481, 317.454 by changing the saturation by 10% instead.


 35, 49.481,
317.454

 35, 49.481,
317.454

 100, 49.481,
317.454


 25, 49.481,
317.454

 55, 49.481,
317.454

 15, 49.481,
317.454


 65, 49.481,
317.454

 5, 49.481, 317.454

 75, 49.481,
317.454

 0, 49.481, 317.454

 85, 49.481,
317.454

 95, 49.481,
317.454

35, 49.481,
317.454

35, 49.481,
317.454

32, 57.492,
317.695

39, 40.845,
317.114

29, 64.477,
317.783

42, 31.899,
316.717

27, 69.988,
317.654

46, 22.863,
316.295

25, 73.777,
317.272

50, 13.882,
315.868

24, 75.257,
317.113

54, 5.044, 315.439

59, 3.598, 135.111

63, 12.017,
134.720

67, 20.202,
134.378

■ 71, 28.151,
134.069

Harmonies

Complementary

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



35, 49.481, 317.454



52, 47.479, 132.536

Rectangle

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



35, 49.481, 317.454



35, 49.481, 7.454



35, 49.481, 137.454



35, 49.481, 187.454

Sweetspot

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



35, 49.480, 317.454



63, 18.436, 315.934



36, 32.577, 282.555



32, 12.447, 316.007



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



35, 49.480, 317.454



41, 71.728, 317.736



38, 45.620, 333.482



27, 4.968, 315.585



23, 73.787, 317.138



0, 2.285, 315.232

Inverse Universe

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



36, 35.114, 2.370



43, 50.969, 5.511



51, 45.922, 145.009



27, 3.427, 355.651



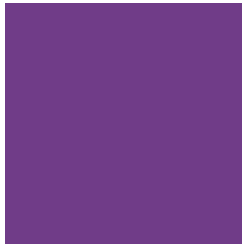
27, 53.167, 17.963



0, 1.564, 354.876

Previews

White Background



This preview shows how the CIELCh color 35, 49.481, 317.454 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 CIE LCh color 35, 49.481, 317.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

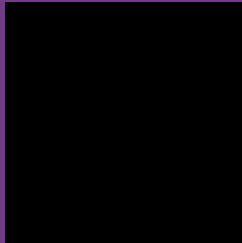
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 49.481, 317.454

Background



This preview shows how black text looks on a background with the CIELCh color 35, 49.481, 317.454.



This preview shows how white text looks on a background with the CIELCh color 35, 49.481, 317.454.

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, 49.481, 317.454

Protanopia

35, 47.437, 286.782

Deuteranopia

35, 31.117, 279.679



Tritanopia
35, 13.365, 5.540

Trichromacy



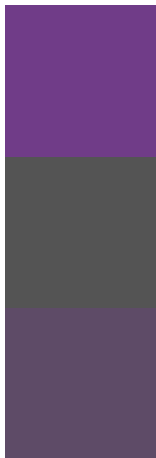
Original Color
35, 49.481, 317.454

Protanomaly
34, 47.345, 295.836

Deuteranomaly
35, 36.865, 296.485

Tritanomaly
35, 24.314, 331.259

Monochromacy



Original Color
35, 49.481, 317.454

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 19.133, 316.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 49.481, 317.454 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(112, 60, 136)` looks like.

```
.text, #text, p{  
    color:rgb(112, 60, 136)  
}
```

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(112, 60, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 60, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 49.481, 317.454 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(112, 60, 136) }
```

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

```
.border{ border-color:rgb(112, 60, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 60, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 60, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 60, 136);  
box-shadow:4px 4px 4px 4px rgb(112, 60,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 49.481, 317.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 60, 136) }
```

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

```
.background{ background-color: rgb(112, 60,  
136) }
```

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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