

Converting Colors

CIELCh(35, 51.208, 327.318)

Have a look what the booklet for
CIELCh(35, 51.208, 327.318)
contains.

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Color

CIELCh(35, 51.114, 327.318)

Conversions

Conversions Part 1

Format	Color
Hex	7F347F
RGB	127, 52, 127
RGB Percent	50%, 20%, 50%
CMY	0.5020, 0.7961, 0.5020
CMYK	0.00, 0.59, 0.00, 0.50
HSL	300°, 42%, 35%
HSV	300°, 59%, 50%
XYZ	13.8086, 8.4984, 20.9879
YIQ	82.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

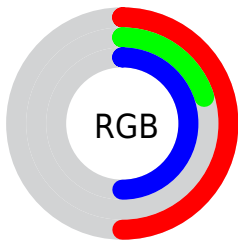
Format	Color
R_{YB}	127, 52, 127
Decimal	8336511
CIE _{Lab}	35.00, 43.02, -27.60
CIE _{LCh}	35, 51.114, 327.318
Yxy	8.4984, 0.3189, 0.1963
Android (android.graphics.Color)	4286526591 (0xFF7F347F)
YUV	82.9750, 21.7043, 38.6099
Hunter-Lab	29.1520, 33.5350, -22.2794

Details

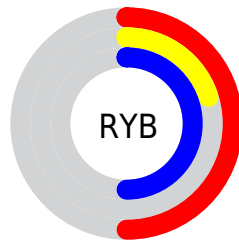
The CIELCh color **35, 51.114, 327.318** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 51.562, 139.600**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 51.161, 327.445**, and **16, 48.617, 327.300** is the 20% darker color. If you saturate the color by 10%, you get **33, 57.642, 327.660**, and if you desaturate by 10%, it is **37, 43.504, 326.910**.

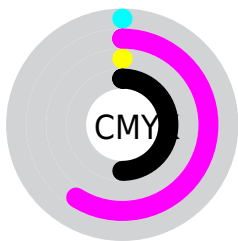
Distribution



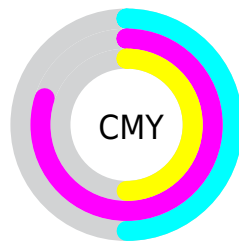
- Red (50%)
- Green (20%)
- Blue (50%)



- Red (50%)
- Yellow (20%)
- Blue (50%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (50%)





- Cyan (50%)
- Magenta (80%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 51.114, 327.318 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, 51.114, 327.318 by changing the saturation by 10% instead.


 35, 51.114,
327.318


 35, 51.114,
327.318


 100, 51.114,
327.318


 25, 51.114,
327.318

 55, 51.114,
327.318


 15, 51.114,
327.318


 65, 51.114,
327.318

 5, 51.114, 327.318

 75, 51.114,
327.318

 0, 51.114, 327.318

 85, 51.114,
327.318

 95, 51.114,
327.318

35, 51.114,
327.318

35, 51.114,
327.318

33, 57.642,
327.660

37, 43.504,
326.910

31, 62.791,
327.924

40, 35.139,
326.449

30, 66.358,
328.104

43, 26.313,
325.953

30, 68.712,
328.222

47, 17.264,
325.432

30, 68.931,
328.233

50, 8.172, 324.895

54, 0.837, 144.615

57, 9.680, 143.899

61, 18.305,
143.392

■ 64, 26.686,
142.912

Harmonies

Complementary

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



35, 51.114, 327.318



47, 51.562, 139.600

Rectangle

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



35, 51.114, 327.318



35, 51.114, 17.318



35, 51.114, 147.318



35, 51.114, 197.318

Sweetspot

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



35, 51.112, 327.318



60, 20.271, 325.399



26, 48.696, 298.895



30, 14.203, 325.532



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



35, 51.112, 327.318



43, 72.484, 327.766



33, 37.324, 350.098



25, 5.102, 324.897



30, 69.130, 328.233



0, 0.000, 0.000

Inverse Universe

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



35, 51.112, 327.318



43, 72.484, 327.766



48, 35.319, 157.394



25, 5.102, 324.897



30, 69.130, 328.233



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 51.114, 327.318 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, 51.114, 327.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

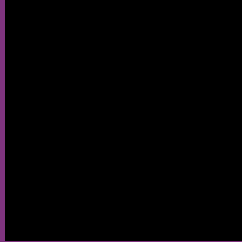
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 51.114, 327.318

Background



This preview shows how black text looks on a background with the CIELCh color 35, 51.114, 327.318.

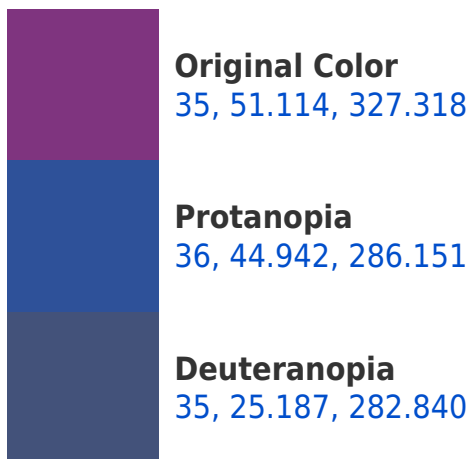


This preview shows how white text looks on a background with the CIELCh color 35, 51.114, 327.318.

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





Tritanopia
35, 24.486, 16.632

Trichromacy



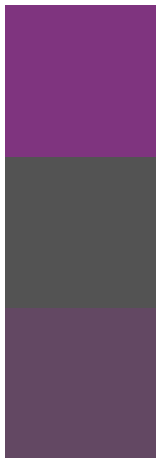
Original Color
35, 51.114, 327.318

Protanomaly
34, 46.325, 299.171

Deuteranomaly
34, 33.875, 306.021

Tritanomaly
35, 30.918, 349.149

Monochromacy



Original Color
35, 51.114, 327.318

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 20.137, 325.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 51.114, 327.318 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(127, 52, 127)` looks like.

```
.text, #text, p{  
  color:rgb(127, 52, 127)  
}
```

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(127, 52, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 52, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 51.114, 327.318 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(127, 52, 127) }
```

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

```
.border{ border-color:rgb(127, 52, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 52, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 52, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 52, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 52,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 51.114, 327.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 52, 127) }
```

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

```
.background{ background-color: rgb(127, 52,  
127) }
```

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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