

Converting Colors

CIELCh(35, 50.337, 326.760)

Have a look what the booklet for
CIELCh(35, 50.337, 326.760)
contains.

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Color

CIELCh(35, 50.445, 326.874)

Conversions

Conversions Part 1

Format	Color
Hex	7E357F
RGB	126, 53, 127
RGB Percent	49%, 21%, 50%
CMY	0.5062, 0.7925, 0.5023
CMYK	0.01, 0.58, 0.00, 0.50
HSL	299°, 41%, 35%
HSV	299°, 58%, 50%
XYZ	13.6867, 8.4984, 20.9699
YIQ	83.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

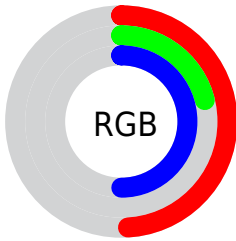
Format	Color
R_{YB}	126, 53, 127
Decimal	8271231
CIE _{Lab}	35.00, 42.25, -27.57
CIE _{LCh}	35, 50.445, 326.874
Yxy	8.4984, 0.3172, 0.1969
Android (android.graphics.Color)	4286461311 (0xFF7E357F)
YUV	83.2630, 21.5623, 37.4803
Hunter-Lab	29.1520, 32.7889, -22.2427

Details

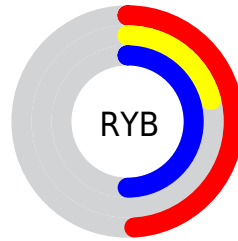
The CIELCh color **35, 50.445, 326.874** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 50.797, 139.440**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 50.395, 327.044**, and **15, 48.649, 326.838** is the 20% darker color. If you saturate the color by 10%, you get **33, 57.090, 327.207**, and if you desaturate by 10%, it is **38, 42.758, 326.473**.

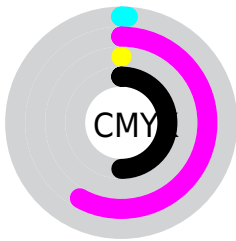
Distribution



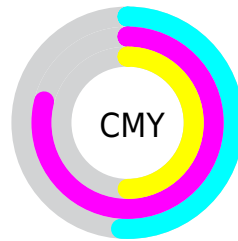
- Red (49%)
- Green (21%)
- Blue (50%)



- Red (49%)
- Yellow (21%)
- Blue (50%)



- Cyan (1%)
- Magenta (58%)
- Yellow (0%)
- Black (50%)





- Cyan (51%)
- Magenta (79%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 50.445, 326.874 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, 50.445, 326.874 by changing the saturation by 10% instead.


 35, 50.445,
326.874


 35, 50.445,
326.874

 100, 50.445,
326.874


 25, 50.445,
326.874

 55, 50.445,
326.874


 15, 50.445,
326.874

 65, 50.445,
326.874

 5, 50.445, 326.874

 75, 50.445,
326.874

 0, 50.445, 326.874

 85, 50.445,
326.874

 95, 50.445,
326.874

35, 50.445,
326.874

35, 50.445,
326.874

33, 57.090,
327.207

38, 42.758,
326.473

31, 62.388,
327.456

40, 34.356,
326.019

30, 66.114,
327.615

43, 25.527,
325.529

29, 68.540,
327.700

47, 16.502,
325.016

29, 68.941,
327.714

50, 7.451, 324.486

54, 1.505, 144.118

57, 10.289,
143.511

61, 18.855,
143.016

■ 65, 27.177,
142.548

Harmonies

Complementary

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



35, 50.445, 326.874



47, 50.797, 139.440

Rectangle

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



35, 50.445, 326.874



35, 50.445, 16.874



35, 50.445, 146.874



35, 50.445, 196.874

Sweetspot

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



35, 50.443, 326.874



61, 19.062, 324.970



27, 47.123, 298.166



31, 12.856, 325.055



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, 50.443, 326.874



43, 71.728, 327.301



34, 37.201, 348.922



25, 5.080, 324.530



29, 69.168, 327.714



0, 0.000, 0.000

Inverse Universe

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



33, 35.644, 25.534



39, 54.375, 29.204



48, 35.426, 156.661



25, 2.950, 18.775



25, 60.698, 37.815



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 50.445, 326.874 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, 50.445, 326.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

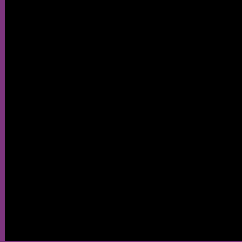
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 50.445, 326.874

Background



This preview shows how black text looks on a background with the CIELCh color 35, 50.445, 326.874.

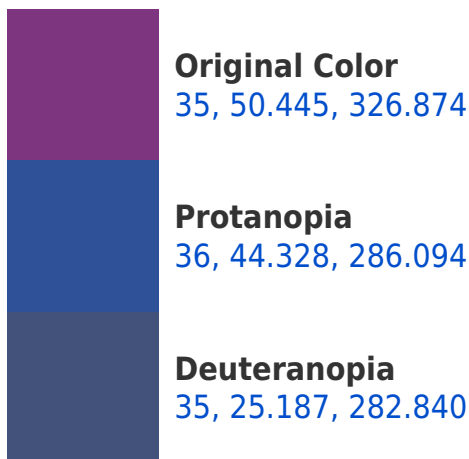


This preview shows how white text looks on a background with the CIELCh color 35, 50.445, 326.874.

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, 23.516, 16.117

Trichromacy



Original Color
35, 50.445, 326.874

Protanomaly
34, 45.040, 299.040

Deuteranomaly
34, 33.828, 305.426

Tritanomaly
35, 30.257, 347.962

Monochromacy



Original Color
35, 50.445, 326.874

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, 50.445, 326.874 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(126, 53, 127)` looks like.

```
.text, #text, p{  
    color:rgb(126, 53, 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(126, 53, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 53, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 50.445, 326.874 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(126, 53, 127) }
```

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

```
.border{ border-color:rgb(126, 53, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 53, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 53, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 53, 127);  
box-shadow:4px 4px 4px 4px rgb(126, 53,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 50.445, 326.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 53, 127) }
```

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

```
.background{ background-color: rgb(126, 53,  
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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