

Converting Colors

CIELCh(35, 50.985, 326.268)

Have a look what the booklet for
CIELCh(35, 50.985, 326.268)
contains.

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Color

CIELCh(35, 50.902, 326.484)

Conversions

Conversions Part 1	
Format	Color
Hex	7E3580
RGB	126, 53, 128
RGB Percent	49%, 21%, 50%
CMY	0.5068, 0.7930, 0.4989
CMYK	0.02, 0.59, 0.00, 0.50
HSL	298°, 42%, 35%
HSV	298°, 59%, 50%
XYZ	13.7169, 8.4984, 21.2650
YIQ	83.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

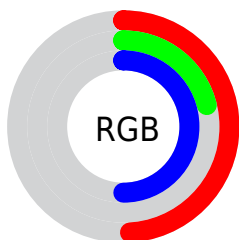
Format	Color
RYB	126, 53, 128
Decimal	8271232
CIELab	35.00, 42.44, -28.11
CIELCh	35, 50.902, 326.484
Yxy	8.4984, 0.3155, 0.1955
Android (android.graphics.Color)	4286461312 (0xFF7E3580)
YUV	83.3770, 21.9991, 37.3804
Hunter-Lab	29.1520, 32.9736, -22.8429

Details

The CIELCh color **35, 50.902, 326.484** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **48, 51.196, 139.154**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 50.831, 326.675**, and **16, 49.110, 326.397** is the 20% darker color. If you saturate the color by 10%, you get **33, 57.560, 326.799**, and if you desaturate by 10%, it is **38, 43.196, 326.096**.

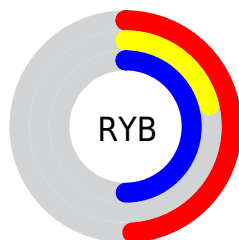
Distribution



Red (49%)

Green (21%)

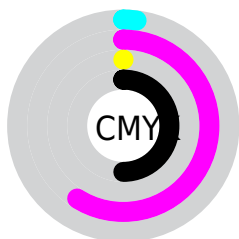
Blue (50%)



Red (49%)

Yellow (21%)

Blue (50%)

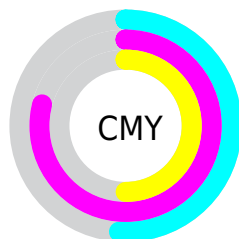


Cyan (2%)

Magenta (59%)

Yellow (0%)

Black (50%)



Cyan (51%)


Magenta (79%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 50.902, 326.484 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, 50.902, 326.484 by changing the saturation by 10% instead.


 35, 50.902,
326.484

 35, 50.902,
326.484

 100, 50.902,
326.484

 25, 50.902,
326.484

 55, 50.902,
326.484

 15, 50.902,
326.484

 65, 50.902,
326.484

 5, 50.902, 326.484


 75, 50.902,
326.484


 0, 50.902, 326.484

 85, 50.902,
326.484


 95, 50.902,
326.484


 35, 50.902,
326.484


 35, 50.902,
326.484


 33, 57.560,
326.799


 38, 43.196,
326.096

 31, 62.859,
327.026


 40, 34.774,
325.654

 30, 66.572,
327.153

 44, 25.925,
325.173

 29, 69.009,
327.204


 47, 16.880,
324.668


 29, 69.323,
327.210

 50, 7.812, 324.147

 54, 1.163, 143.820

 58, 9.966, 143.187

 61, 18.551,
142.700

 65, 26.893,
142.240

Harmonies

Complementary

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



35, 50.902, 326.484



48, 51.196, 139.154

Rectangle

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



35, 50.902, 326.484



35, 50.902, 16.484



35, 50.902, 146.484



35, 50.902, 196.484

Sweetspot

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



35, 50.900, 326.484



60, 20.111, 324.654



27, 46.864, 297.664



30, 14.093, 324.783



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, 50.900, 326.484



42, 71.654, 326.875



34, 37.943, 347.956



25, 5.059, 324.169



29, 69.211, 327.211



0, 0.000, 0.000

Inverse Universe

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



33, 35.933, 24.703



39, 54.012, 28.319



48, 36.352, 155.779



25, 2.951, 17.704



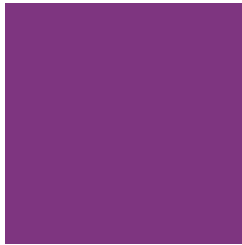
25, 60.311, 37.290



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 50.902, 326.484 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, 50.902, 326.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

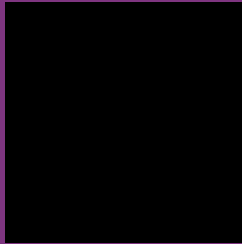
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 50.902, 326.484

Background



This preview shows how black text looks on a background with the CIELCh color 35, 50.902, 326.484.



This preview shows how white text looks on a background with the CIELCh color 35, 50.902, 326.484.

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, 50.902, 326.484

Protanopia

36, 44.942, 286.151

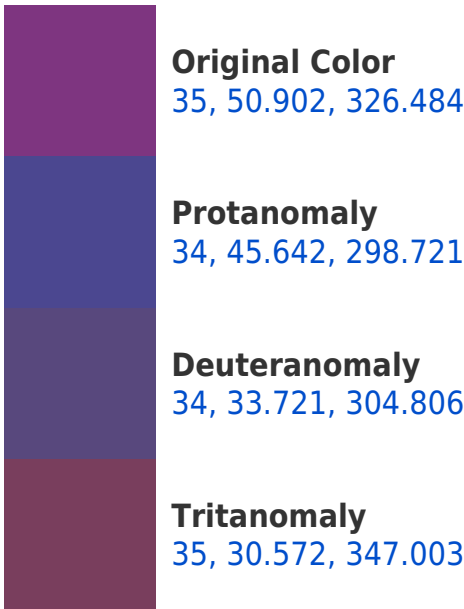
Deuteranopia

36, 25.243, 281.408



Tritanopia
35, 23.516, 16.117

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 50.902, 326.484 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(126, 53, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 53, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 50.902, 326.484 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, 128) }
```

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

```
.border{ border-color:rgb(126, 53, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 53, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 53, 128);  
box-shadow:4px 4px 4px 4px rgb(126, 53,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 50.902, 326.484 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, 128) }
```

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

```
.background{ background-color: rgb(126, 53,  
128) }
```

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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