

Converting Colors

CIELCh(35, 38.717, 333.442)

Have a look what the booklet for
CIELCh(35, 38.717, 333.442)
contains.

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Color

CIELCh(35, 38.184, 333.506)

Conversions

Conversions Part 1

Format	Color
Hex	7A3C6E
RGB	122, 60, 110
RGB Percent	48%, 24%, 43%
CMY	0.5215, 0.7646, 0.5686
CMYK	0.00, 0.51, 0.10, 0.52
HSL	312°, 34%, 36%
HSV	312°, 51%, 48%
XYZ	12.4606, 8.4984, 15.7400
YIQ	84.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

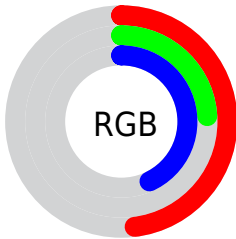
Format	Color
R_{YB}	122, 60, 110
Decimal	8010862
CIE _{Lab}	35.00, 34.17, -17.03
CIE _{LCh}	35, 38.184, 333.506
Yxy	8.4984, 0.3395, 0.2316
Android (android.graphics.Color)	4286200942 (0xFF7A3C6E)
YUV	84.2380, 12.7007, 33.1173
Hunter-Lab	29.1520, 25.2810, -11.6060

Details

The CIELCh color **35, 38.184, 333.506** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46, 38.247, 146.017**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 38.176, 333.402**, and **15, 38.005, 333.548** is the 20% darker color. If you saturate the color by 10%, you get **33, 44.542, 334.200**, and if you desaturate by 10%, it is **38, 31.126, 332.835**.

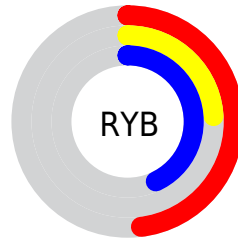
Distribution



Red (48%)

Green (24%)

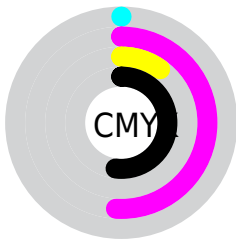
Blue (43%)



Red (48%)

Yellow (24%)

Blue (43%)

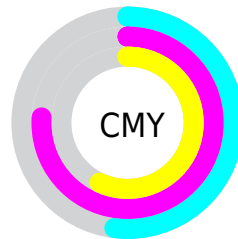


Cyan (0%)

Magenta (51%)

Yellow (10%)

Black (52%)



Cyan (52%)


Magenta (76%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 38.184, 333.506 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, 38.184, 333.506 by changing the saturation by 10% instead.


 35, 38.184,
333.506


 35, 38.184,
333.506

 100, 38.184,
333.506

 25, 38.184,
333.506

 55, 38.184,
333.506


 15, 38.184,
333.506


 65, 38.184,
333.506

 5, 38.184, 333.506

 75, 38.184,
333.506

 0, 38.184, 333.506

 85, 38.184,
333.506

 95, 38.184,
333.506

■ 35, 38.184,
333.506

■ 35, 38.184,
333.506

■ 33, 44.542,
334.200

■ 38, 31.126,
332.835

■ 30, 49.889,
334.925

■ 41, 23.650,
332.181

■ 29, 53.922,
335.698

■ 44, 15.975,
331.544

■ 28, 56.430,
336.545

■ 47, 8.262, 330.919

■ 27, 57.923,
337.363

■ 51, 0.620, 330.009

■ 54, 6.880, 149.818

■ 58, 14.199,
149.259

■ 62, 21.314,
148.738

■ 65, 28.219,
148.245

Harmonies

Complementary

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



35, 38.184, 333.506



46, 38.247, 146.017

Rectangle

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



35, 38.184, 333.506



35, 38.184, 23.506



35, 38.184, 153.506



35, 38.184, 203.506

Sweetspot

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



35, 38.182, 333.506



59, 14.205, 331.203



29, 39.921, 302.101



29, 9.645, 331.308



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



35, 38.182, 333.506



42, 54.931, 334.318



34, 29.298, 1.178



24, 4.310, 330.809



28, 58.900, 337.390



57, 98.407, 337.993

Inverse Universe

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



35, 38.182, 333.506



42, 54.931, 334.318



47, 25.574, 169.567



24, 4.310, 330.809



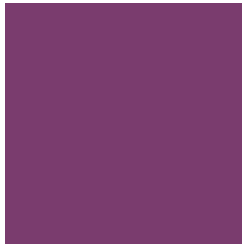
28, 58.900, 337.390



57, 98.407, 337.993

Previews

White Background



This preview shows how the CIELCh color 35, 38.184, 333.506 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, 38.184, 333.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

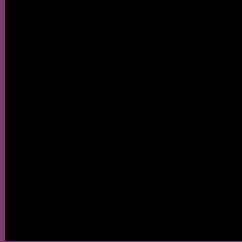
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 38.184, 333.506

Background



This preview shows how black text looks on a background with the CIELCh color 35, 38.184, 333.506.



This preview shows how white text looks on a background with the CIELCh color 35, 38.184, 333.506.

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, 38.184, 333.506

Protanopia

35, 28.805, 285.808

Deuteranopia

35, 15.605, 289.970



Tritanopia
35, 23.059, 15.878

Trichromacy



Original Color
35, 38.184, 333.506

Protanomaly
34, 30.566, 304.239

Deuteranomaly
35, 23.001, 315.326

Tritanomaly
35, 26.308, 355.151

Monochromacy



Original Color
35, 38.184, 333.506

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 14.801, 332.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 38.184, 333.506 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(122, 60, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 60, 110)  
}
```

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(122, 60, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 60, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 38.184, 333.506 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(122, 60, 110) }
```

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

```
.border{ border-color:rgb(122, 60, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 60, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 60, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 60, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 60,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 38.184, 333.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 60, 110) }
```

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

```
.background{ background-color: rgb(122, 60,  
110) }
```

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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