

Converting Colors

CIELCh(35, 38.340, 356.056)

Have a look what the booklet for
CIELCh(35, 38.340, 356.056)
contains.

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Color

CIELCh(35, 38.411, 355.719)

Conversions

Conversions Part 1

Format	Color
Hex	873658
RGB	135, 54, 88
RGB Percent	53%, 21%, 35%
CMY	0.4705, 0.7881, 0.6548
CMYK	0.00, 0.60, 0.35, 0.47
HSL	335°, 43%, 37%
HSV	335°, 60%, 53%
XYZ	13.0783, 8.4984, 10.1883
YIQ	82.0950, 37.3620, 27.7460

Conversions

Conversions Part 2

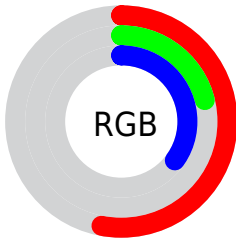
Format	Color
R_{YB}	135, 54, 88
Decimal	8861272
CIE Lab	35.00, 38.30, -2.87
CIE LCh	35, 38.411, 355.719
Yxy	8.4984, 0.4117, 0.2675
Android (android.graphics.Color)	4287051352 (0xFF873658)
YUV	82.0950, 2.9112, 46.3977
Hunter-Lab	29.1520, 29.0634, -0.3149

Details

The CIELCh color **35, 38.411, 355.719** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 34.989, 161.614**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 38.331, 355.739**, and **15, 37.774, 356.155** is the 20% darker color. If you saturate the color by 10%, you get **32, 43.580, 357.951**, and if you desaturate by 10%, it is **38, 32.475, 353.910**.

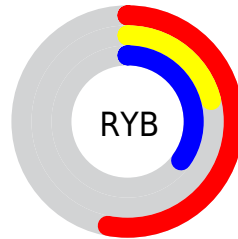
Distribution



Red (53%)

Green (21%)

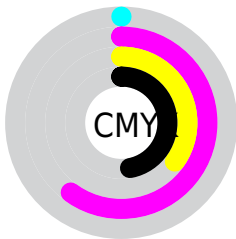
Blue (35%)



Red (53%)

Yellow (21%)

Blue (35%)

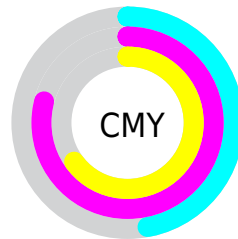


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (47%)



Cyan (47%)


Magenta (79%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 38.411, 355.719 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, 38.411, 355.719 by changing the saturation by 10% instead.


 35, 38.411,
355.719


 35, 38.411,
355.719

 100, 38.411,
355.719


 25, 38.411,
355.719

 55, 38.411,
355.719


 15, 38.411,
355.719


 65, 38.411,
355.719

 5, 38.411, 355.719

 75, 38.411,
355.719

 0, 38.411, 355.719

 85, 38.411,
355.719

 95, 38.411,
355.719

35, 38.411,
355.719

35, 38.411,
355.719

32, 43.580,
357.951

38, 32.475,
353.910

30, 47.692, 0.745

41, 26.083,
352.409

29, 50.558, 4.265

45, 19.485,
351.133

28, 52.661, 8.320

28, 52.664, 8.325

49, 12.865,
350.025

52, 6.344, 349.031

56, 0.007, 225.888

60, 6.141, 167.493

64, 12.052,
166.758

■ 68, 17.738,
166.099

Harmonies

Complementary

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



35, 38.411, 355.719



51, 34.989, 161.614

Rectangle

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



35, 38.411, 355.719



35, 38.411, 45.719



35, 38.411, 175.719



35, 38.411, 225.719

Sweetspot

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



35, 38.409, 355.720



63, 14.355, 349.862



32, 52.181, 313.983



32, 10.084, 350.130



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, 38.409, 355.720



42, 54.889, 358.890



35, 37.185, 30.856



26, 3.525, 348.947



27, 51.247, 8.128



0, 0.833, 348.214

Inverse Universe

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



35, 38.409, 355.720



42, 54.889, 358.890



50, 23.593, 204.892



26, 3.525, 348.947



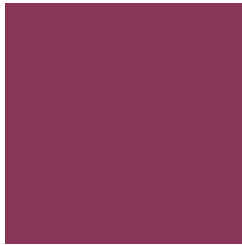
27, 51.247, 8.128



0, 0.833, 348.214

Previews

White Background



This preview shows how the CIE LCh color 35, 38.411, 355.719 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, 38.411, 355.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

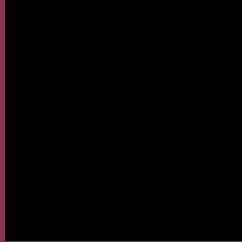
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 38.411, 355.719

Background



This preview shows how black text looks on a background with the CIELCh color 35, 38.411, 355.719.

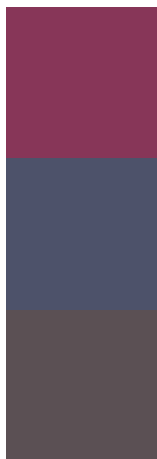


This preview shows how white text looks on a background with the CIELCh color 35, 38.411, 355.719.

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, 38.411, 355.719

Protanopia

35, 15.027, 285.458

Deuteranopia

35, 5.383, 352.705



Tritanopia
35, 34.693, 22.066

Trichromacy



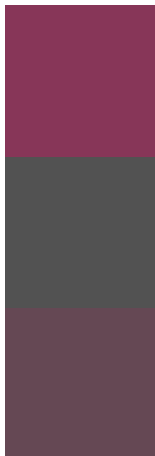
Original Color
35, 38.411, 355.719

Protanomaly
34, 19.931, 324.771

Deuteranomaly
35, 17.815, 353.458

Tritanomaly
35, 35.269, 11.911

Monochromacy



Original Color
35, 38.411, 355.719

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 14.627, 351.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 38.411, 355.719 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(135, 54, 88)` looks like.

```
.text, #text, p{  
    color:rgb(135, 54, 88)  
}
```

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(135, 54, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 54, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 38.411, 355.719 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(135, 54, 88) }
```

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

```
.border{ border-color:rgb(135, 54, 88) }
```

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

Here you see how a box with a 4 pixel rgb(135, 54, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 54, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 54, 88);  
box-shadow:4px 4px 4px 4px rgb(135, 54,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 38.411, 355.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 54, 88) }
```

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

```
.background{ background-color: rgb(135, 54,  
88) }
```

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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