

Converting Colors

CIELCh(35, 33.260, 355.739)

Have a look what the booklet for
CIELCh(35, 33.260, 355.739)
contains.

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Color

CIELCh(35, 33.550, 355.951)

Conversions

Conversions Part 1

Format	Color
Hex	813B57
RGB	129, 59, 87
RGB Percent	51%, 23%, 34%
CMY	0.4938, 0.7683, 0.6585
CMYK	0.00, 0.54, 0.33, 0.49
HSL	336°, 37%, 37%
HSV	336°, 54%, 51%
XYZ	12.3567, 8.4984, 10.0215
YIQ	83.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

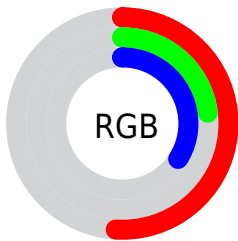
Format	Color
R_{YB}	129, 59, 87
Decimal	8469335
CIE Lab	35.00, 33.47, -2.37
CIE LCh	35, 33.550, 355.951
Yxy	8.4984, 0.4002, 0.2752
Android (android.graphics.Color)	4286659415 (0xFF813B57)
YUV	83.1220, 1.9119, 40.2350
Hunter-Lab	29.1520, 24.6450, 0.0244

Details

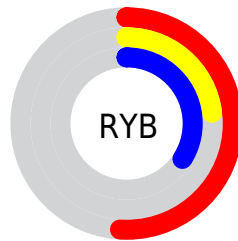
The CIELCh color **35, 33.550, 355.951** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49, 30.419, 163.663**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 33.529, 355.742**, and **15, 33.601, 356.036** is the 20% darker color. If you saturate the color by 10%, you get **32, 39.021, 357.977**, and if you desaturate by 10%, it is **38, 27.546, 354.293**.

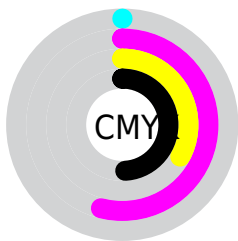
Distribution



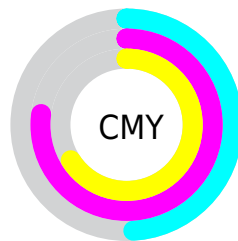
- Red (51%)
- Green (23%)
- Blue (34%)



- Red (51%)
- Yellow (23%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (33%)
- Black (49%)





- Cyan (49%)
- Magenta (77%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 33.550, 355.951 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, 33.550, 355.951 by changing the saturation by 10% instead.


 35, 33.550,
355.951


 35, 33.550,
355.951

 100, 33.550,
355.951


 25, 33.550,
355.951

 55, 33.550,
355.951


 15, 33.550,
355.951


 65, 33.550,
355.951

 5, 33.550, 355.951

 75, 33.550,
355.951

 0, 33.550, 355.951

 85, 33.550,
355.951

 95, 33.550,
355.951

35, 33.550,
355.951

35, 33.550,
355.951

32, 39.021,
357.977

38, 27.546,
354.293

30, 43.674, 0.496

41, 21.276,
352.901

28, 47.259, 3.663

45, 14.936,
351.708

27, 49.711, 7.608

26, 51.053, 9.957

49, 8.662, 350.658

52, 2.538, 349.654

56, 3.389, 169.055

60, 9.099, 168.254

64, 14.588,
167.565

68, 19.862,

Harmonies

Complementary

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



35, 33.550, 355.951



49, 30.419, 163.663

Rectangle

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



35, 33.550, 355.951



35, 33.550, 45.951



35, 33.550, 175.951



35, 33.550, 225.951

Sweetspot

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



35, 33.548, 355.952



61, 12.132, 350.874



33, 45.712, 314.785



31, 8.171, 351.046



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, 33.548, 355.952



42, 48.756, 358.505



36, 31.057, 32.133



25, 3.370, 350.153



26, 50.597, 9.888



0, 0.000, 0.000

Inverse Universe

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



35, 33.548, 355.952



42, 48.756, 358.505



48, 20.679, 209.005



25, 3.370, 350.153



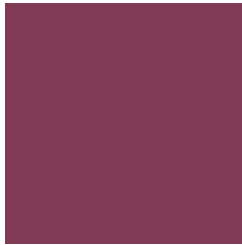
26, 50.597, 9.888



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 33.550, 355.951 looks on a white background.

Color Contrast Check

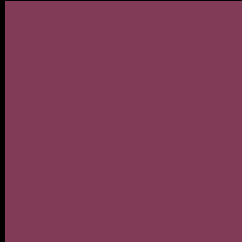
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.550, 355.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

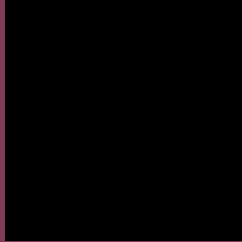
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 33.550, 355.951

Background



This preview shows how black text looks on a background with the CIELCh color 35, 33.550, 355.951.



This preview shows how white text looks on a background with the CIELCh color 35, 33.550, 355.951.

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, 33.550, 355.951

Protanopia

35, 12.497, 286.920

Deuteranopia

35, 5.383, 352.705



Tritanopia
35, 29.851, 20.254

Trichromacy



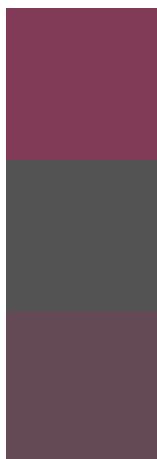
Original Color
35, 33.550, 355.951

Protanomaly
35, 17.219, 325.640

Deuteranomaly
35, 16.399, 352.850

Tritanomaly
35, 30.378, 11.493

Monochromacy



Original Color
35, 33.550, 355.951

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 12.902, 352.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 33.550, 355.951 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(129, 59, 87)` looks like.

```
.text, #text, p{  
    color:rgb(129, 59, 87)  
}
```

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(129, 59, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 59, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 33.550, 355.951 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(129, 59, 87) }
```

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

```
.border{ border-color:rgb(129, 59, 87) }
```

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

Here you see how a box with a 4 pixel rgb(129, 59, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 59, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 59, 87);  
box-shadow:4px 4px 4px 4px rgb(129, 59,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 33.550, 355.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 59, 87) }
```

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

```
.background{ background-color: rgb(129, 59,  
87) }
```

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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