

Converting Colors

CIELCh(35, 54.045, 57.706)

Have a look what the booklet for
CIELCh(35, 54.045, 57.706) contains.

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Color

CIELCh(35, 53.951, 57.859)

Conversions

Conversions Part 1

Format	Color
Hex	873D00
RGB	135, 61, 0
RGB Percent	53%, 24%, 0%
CMY	0.4704, 0.7606, 0.9998
CMYK	0.00, 0.55, 1.00, 0.47
HSL	27°, 100%, 26%
HSV	27°, 100%, 53%
XYZ	11.6725, 8.4984, 1.0264
YIQ	76.1720, 63.6850, -3.2830

Conversions

Conversions Part 2

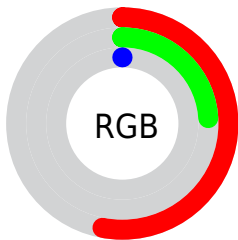
Format	Color
RYB	135, 111, 0
Decimal	8862976
CIELab	35.00, 28.70, 45.68
CIElCh	35, 53.951, 57.859
Yxy	8.4984, 0.5507, 0.4009
Android (android.graphics.Color)	4287053056 (0xFF873D00)
YUV	76.1720, -37.5528, 51.5922
Hunter-Lab	29.1520, 20.4556, 18.3189

Details

The CIELCh color **35, 53.951, 57.859** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **31, 39.887, 277.558**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.793, 57.785**, and **15, 37.081, 38.818** is the 20% darker color. If you saturate the color by 10%, you get **35, 53.968, 57.858**, and if you desaturate by 10%, it is **37, 48.989, 59.480**.

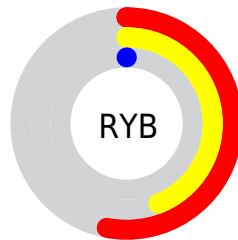
Distribution



Red (53%)

Green (24%)

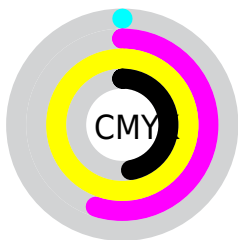
Blue (0%)



Red (53%)

Yellow (44%)

Blue (0%)

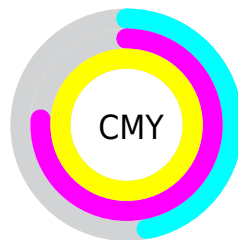


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 53.951, 57.859 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, 53.951, 57.859 by changing the saturation by 10% instead.

■ 35, 53.951, 57.859

■ 35, 53.951, 57.859

■ 100, 53.951,
57.859

■ 25, 53.951, 57.859

■ 55, 53.951, 57.859

■ 15, 53.951, 57.859

■ 65, 53.951, 57.859

■ 5, 53.951, 57.859

■ 75, 53.951, 57.859

■ 0, 53.951, 57.859

■ 85, 53.951, 57.859

■ 95, 53.951, 57.859

■ 35, 53.951, 57.859

■ 35, 53.951, 57.859

■ 35, 53.968, 57.858

■ 37, 48.989, 59.480

■ 39, 43.598, 61.058

■ 40, 37.649, 62.307

■ 43, 31.600, 63.428

■ 45, 25.682, 64.513

■ 47, 20.001, 65.599

■ 49, 14.594, 66.694

■ 52, 9.465, 67.792

■ 54, 4.601, 68.869

Harmonies

Complementary

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



35, 53.951, 57.859



31, 39.887, 277.558

Rectangle

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



35, 53.951, 57.859



35, 53.951, 107.859



35, 53.951, 237.859



35, 53.951, 287.859

Sweetspot

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



35, 53.949, 57.861



63, 18.168, 66.617



29, 53.670, 356.293



32, 12.618, 66.214



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, 53.949, 57.861



45, 65.893, 56.947



53, 58.311, 99.674



27, 2.558, 68.957



34, 52.464, 58.007



0, 0.601, 70.026

Inverse Universe

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



31, 39.887, 277.558



41, 49.424, 278.739



15, 80.838, 305.411



27, 2.490, 251.182



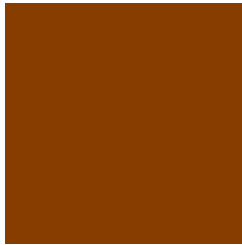
30, 38.697, 277.379



0, 0.601, 250.041

Previews

White Background



This preview shows how the CIELCh color 35, 53.951, 57.859 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, 53.951, 57.859 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, 53.951, 57.859

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.951, 57.859.



This preview shows how white text looks on a background with the CIELCh color 35, 53.951, 57.859.

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, 53.951, 57.859

Protanopia

35, 39.466, 95.209

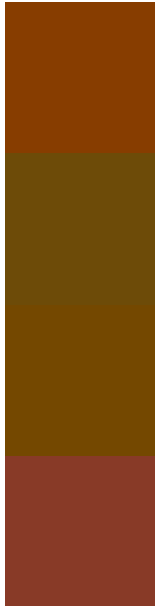
Deuteranopia

35, 43.881, 84.772



Tritanopia
35, 37.552, 23.060

Trichromacy



Original Color
35, 53.951, 57.859

Protanomaly
35, 41.696, 78.022

Deuteranomaly
35, 46.124, 72.745

Tritanomaly
35, 42.429, 40.993

Monochromacy



Original Color
35, 53.951, 57.859

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 19.779, 66.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.951, 57.859 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, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 61, 0)  
}
```

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, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 61, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 53.951, 57.859 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, 61, 0) }
```

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

```
.border{ border-color:rgb(135, 61, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 53.951, 57.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 61, 0) }
```

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

```
.background{ background-color: rgb(135, 61,  
0) }
```

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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