

Converting Colors

CIELCh(35, 39.905, 57.958)

Have a look what the booklet for
CIELCh(35, 39.905, 57.958) contains.

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Color

CIELCh(35, 39.905, 57.958)

Conversions

Conversions Part 1

Format	Color
Hex	7D441C
RGB	125, 68, 28
RGB Percent	49%, 27%, 11%
CMY	0.5115, 0.7348, 0.8916
CMYK	0.00, 0.46, 0.78, 0.51
HSL	25°, 64%, 30%
HSV	25°, 78%, 49%
XYZ	10.6432, 8.4984, 2.1557
YIQ	80.4830, 46.8120, -0.3560

Conversions

Conversions Part 2

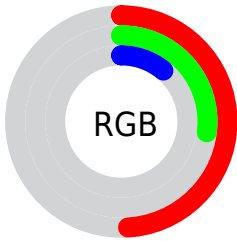
Format	Color
R_{YB}	125, 96, 28
Decimal	8209436
CIE _{Lab}	35.00, 21.17, 33.83
CIE _{LCh}	35, 39.905, 57.958
Yxy	8.4984, 0.4997, 0.3990
Android (android.graphics.Color)	4286399516 (0xFF7D441C)
YUV	80.4830, -25.8741, 39.0414
Hunter-Lab	29.1520, 14.1533, 16.0221

Details

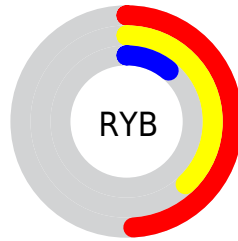
The CIELCh color **35, 39.905, 57.958** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **34, 28.066, 262.614**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 40.068, 58.110**, and **15, 31.665, 46.760** is the 20% darker color. If you saturate the color by 10%, you get **33, 45.411, 56.763**, and if you desaturate by 10%, it is **37, 34.090, 58.925**.

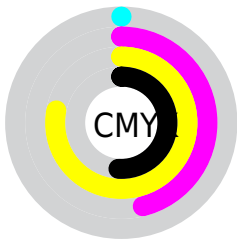
Distribution



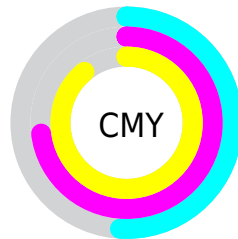
- Red (49%)
- Green (27%)
- Blue (11%)



- Red (49%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 39.905, 57.958 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, 39.905, 57.958 by changing the saturation by 10% instead.

■ 35, 39.905, 57.958

■ 35, 39.905, 57.958

■ 100, 39.905,
57.958

■ 25, 39.905, 57.958

■ 55, 39.905, 57.958

■ 15, 39.905, 57.958

■ 65, 39.905, 57.958

■ 5, 39.905, 57.958

■ 75, 39.905, 57.958

■ 0, 39.905, 57.958

■ 85, 39.905, 57.958

■ 95, 39.905, 57.958

■ 35, 39.905, 57.958

■ 35, 39.905, 57.958

■ 33, 45.411, 56.763

■ 37, 34.090, 58.925

32, 50.460, 55.422

39, 28.318, 59.823

31, 51.630, 55.242

41, 22.752, 60.725

43, 17.459, 61.654

46, 12.459, 62.612

48, 7.744, 63.587

50, 3.297, 64.537

53, 0.907, 245.976

55, 4.891, 246.700

Harmonies

Complementary

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



35, 39.905, 57.958



34, 28.066, 262.614

Rectangle

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



35, 39.905, 57.958



35, 39.905, 107.958



35, 39.905, 237.958



35, 39.905, 287.958

Sweetspot

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



35, 39.904, 57.961



60, 12.692, 63.025



29, 47.280, 346.902



30, 8.819, 62.731



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



35, 39.904, 57.961



42, 59.614, 55.525



48, 46.797, 98.035



25, 2.353, 64.425



31, 51.760, 55.235



62, 88.760, 53.223

Inverse Universe

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



34, 28.066, 262.614



41, 40.359, 270.270



20, 57.981, 299.661



24, 2.279, 246.481



30, 34.675, 272.227



60, 60.968, 275.094

Previews

White Background



This preview shows how the CIELCh color 35, 39.905, 57.958 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, 39.905, 57.958 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, 39.905, 57.958

Background



This preview shows how black text looks on a background with the CIELCh color 35, 39.905, 57.958.



This preview shows how white text looks on a background with the CIELCh color 35, 39.905, 57.958.

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, 39.905, 57.958

Protanopia

35, 30.777, 95.484

Deuteranopia

35, 35.199, 82.875



Tritanopia
35, 29.753, 19.091

Trichromacy



Original Color
35, 39.905, 57.958

Protanomaly
35, 31.990, 79.278

Deuteranomaly
35, 35.998, 73.410

Tritanomaly
35, 31.524, 37.351

Monochromacy



Original Color
35, 39.905, 57.958

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 13.526, 63.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 39.905, 57.958 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(125, 68, 28)` looks like.

```
.text, #text, p{  
    color:rgb(125, 68, 28)  
}
```

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(125, 68, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 68, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 39.905, 57.958 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(125, 68, 28) }
```

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

```
.border{ border-color:rgb(125, 68, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 68, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 68, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 68, 28);  
box-shadow:4px 4px 4px 4px rgb(125, 68,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 39.905, 57.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 68, 28) }
```

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

```
.background{ background-color: rgb(125, 68,  
28) }
```

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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