

Converting Colors

CIELCh(35, 41.343, 60.959)

Have a look what the booklet for
CIELCh(35, 41.343, 60.959) contains.

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Color

CIELCh(35, 41.480, 60.395)

Conversions

Conversions Part 1

Format	Color
Hex	7C4417
RGB	124, 68, 23
RGB Percent	49%, 27%, 9%
CMY	0.5134, 0.7330, 0.9095
CMYK	0.00, 0.45, 0.81, 0.51
HSL	27°, 69%, 29%
HSV	27°, 81%, 49%
XYZ	10.5535, 8.4984, 1.8990
YIQ	79.6140, 47.8210, -2.1230

Conversions

Conversions Part 2

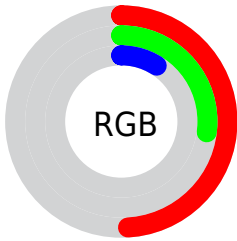
Format	Color
RYB	124, 104, 23
Decimal	8143895
CIELab	35.00, 20.49, 36.06
CIElCh	35, 41.480, 60.395
Yxy	8.4984, 0.5037, 0.4056
Android (android.graphics.Color)	4286333975 (0xFF7C4417)
YUV	79.6140, -27.9107, 38.9265
Hunter-Lab	29.1520, 13.6037, 16.5442

Details

The CIELCh color **35, 41.480, 60.395** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32, 30.586, 268.383**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 41.344, 60.369**, and **15, 31.141, 46.985** is the 20% darker color. If you saturate the color by 10%, you get **33, 46.494, 58.834**, and if you desaturate by 10%, it is **37, 35.917, 61.619**.

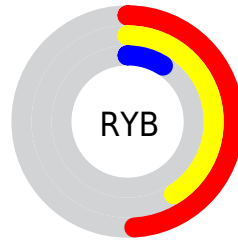
Distribution



Red (49%)

Green (27%)

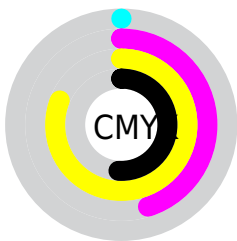
Blue (9%)



Red (49%)

Yellow (41%)

Blue (9%)

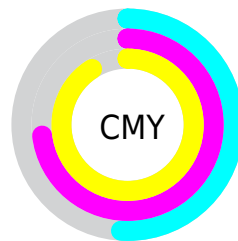


Cyan (0%)

Magenta (45%)

Yellow (81%)

Black (51%)



Cyan (51%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 41.480, 60.395 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, 41.480, 60.395 by changing the saturation by 10% instead.

■ 35, 41.480, 60.395

■ 35, 41.480, 60.395

■ 100, 41.480,
60.395

■ 25, 41.480, 60.395

■ 55, 41.480, 60.395

■ 15, 41.480, 60.395

■ 65, 41.480, 60.395

■ 5, 41.480, 60.395

■ 75, 41.480, 60.395

■ 0, 41.480, 60.395

■ 85, 41.480, 60.395

■ 95, 41.480, 60.395

■ 35, 41.480, 60.395

■ 35, 41.480, 60.395

■ 33, 46.494, 58.834

■ 37, 35.917, 61.619

32, 50.752, 57.682

39, 30.246, 62.706

41, 24.693, 63.757

43, 19.360, 64.810

45, 14.285, 65.875

47, 9.473, 66.947

49, 4.912, 68.006

52, 0.584, 68.652

54, 3.534, 250.298

Harmonies

Complementary

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



35, 41.480, 60.395



32, 30.586, 268.383

Rectangle

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



35, 41.480, 60.395



35, 41.480, 110.395



35, 41.480, 240.395



35, 41.480, 290.395

Sweetspot

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



35, 41.479, 60.398



59, 13.237, 66.608



28, 47.465, 349.845



30, 9.239, 66.288



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, 41.479, 60.398



42, 60.584, 57.069



48, 49.230, 99.762



25, 2.385, 68.245



32, 51.025, 57.662



64, 87.204, 55.547

Inverse Universe

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



32, 30.586, 268.383



38, 44.474, 276.748



18, 62.857, 301.634



24, 2.320, 250.421



29, 36.995, 276.410



58, 65.299, 279.181

Previews

White Background



This preview shows how the CIELCh color 35, 41.480, 60.395 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, 41.480, 60.395 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, 41.480, 60.395

Background



This preview shows how black text looks on a background with the CIELCh color 35, 41.480, 60.395.



This preview shows how white text looks on a background with the CIELCh color 35, 41.480, 60.395.

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, 41.480, 60.395

Protanopia

35, 33.262, 95.708

Deuteranopia

35, 37.327, 83.666



Tritanopia
35, 28.868, 19.859

Trichromacy



Original Color
35, 41.480, 60.395

Protanomaly
35, 34.085, 81.413

Deuteranomaly
35, 38.106, 74.723

Tritanomaly
35, 31.347, 38.458

Monochromacy



Original Color
35, 41.480, 60.395

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 14.487, 66.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 41.480, 60.395 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(124, 68, 23)` looks like.

```
.text, #text, p{  
    color:rgb(124, 68, 23)  
}
```

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(124, 68, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 68, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 41.480, 60.395 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(124, 68, 23) }
```

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

```
.border{ border-color:rgb(124, 68, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 68, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 68, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 68, 23);  
box-shadow:4px 4px 4px 4px rgb(124, 68,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 41.480, 60.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 68, 23) }
```

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

```
.background{ background-color: rgb(124, 68,  
23) }
```

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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