

Converting Colors

CIELCh(35, 48.041, 64.238)

Have a look what the booklet for
CIELCh(35, 48.041, 64.238) contains.

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Color

CIELCh(35, 48.041, 64.238)

Conversions

Conversions Part 1

Format	Color
Hex	7E4405
RGB	126, 68, 5
RGB Percent	49%, 27%, 2%
CMY	0.5077, 0.7348, 0.9821
CMYK	0.00, 0.46, 0.96, 0.51
HSL	31°, 93%, 26%
HSV	31°, 96%, 49%
XYZ	10.6047, 8.4984, 1.2127
YIQ	78.1600, 54.7910, -7.2970

Conversions

Conversions Part 2

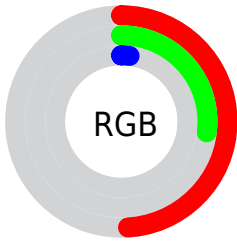
Format	Color
RYB	116, 126, 5
Decimal	8274949
CIELab	35.00, 20.88, 43.27
CIELCh	35, 48.041, 64.238
Yxy	8.4984, 0.5220, 0.4183
Android (android.graphics.Color)	4286465029 (0xFF7E4405)
YUV	78.1600, -36.0679, 41.9557
Hunter-Lab	29.1520, 13.9175, 17.9399

Details

The CIELCh color **35, 48.041, 64.238** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **27, 41.469, 283.121**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 48.246, 64.437**, and **15, 31.665, 46.760** is the 20% darker color. If you saturate the color by 10%, you get **34, 49.743, 63.695**, and if you desaturate by 10%, it is **37, 43.865, 66.244**.

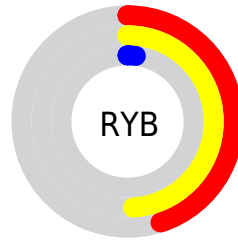
Distribution



Red (49%)

Green (27%)

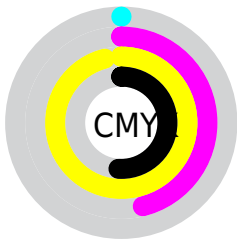
Blue (2%)



Red (45%)

Yellow (49%)

Blue (2%)

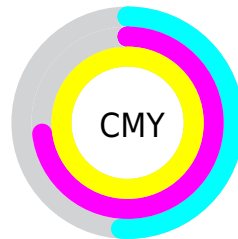


Cyan (0%)

Magenta (46%)

Yellow (96%)

Black (51%)



Cyan (51%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 48.041, 64.238 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, 48.041, 64.238 by changing the saturation by 10% instead.

 35, 48.041, 64.238

 35, 48.041, 64.238

 100, 48.041,
64.238

 25, 48.041, 64.238

 55, 48.041, 64.238

 15, 48.041, 64.238

 65, 48.041, 64.238

 5, 48.041, 64.238

 75, 48.041, 64.238

 0, 48.041, 64.238

 85, 48.041, 64.238

 95, 48.041, 64.238

 35, 48.041, 64.238

 35, 48.041, 64.238

 34, 49.743, 63.695

 37, 43.865, 66.244

■ 38, 38.937, 67.930

■ 40, 33.557, 69.371

■ 42, 28.073, 70.702

■ 43, 22.664, 71.984

■ 45, 17.416, 73.242

■ 47, 12.364, 74.481

■ 49, 7.513, 75.695

■ 51, 2.858, 76.846

Harmonies

Complementary

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



35, 48.041, 64.238



27, 41.469, 283.121

Rectangle

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



35, 48.041, 64.238



35, 48.041, 114.238



35, 48.041, 244.238



35, 48.041, 294.238

Sweetspot

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



35, 48.040, 64.241



60, 16.980, 74.071



26, 49.459, 0.775



30, 11.678, 73.635



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, 48.040, 64.241



45, 60.447, 62.746



51, 56.460, 103.935



26, 2.583, 76.543



35, 50.315, 63.632



0, 0.000, 0.000

Inverse Universe

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



27, 41.469, 283.121



34, 53.436, 285.640



13, 76.906, 305.857



25, 2.539, 258.888



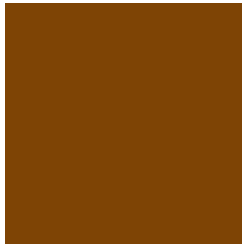
26, 43.654, 284.579



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 48.041, 64.238 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, 48.041, 64.238 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, 48.041, 64.238

Background



This preview shows how black text looks on a background with the CIELCh color 35, 48.041, 64.238.



This preview shows how white text looks on a background with the CIELCh color 35, 48.041, 64.238.

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, 48.041, 64.238

Protanopia

35, 39.782, 95.218

Tritanopia

35, 30.309, 20.413

Trichromacy



Original Color
35, 48.041, 64.238

Protanomaly
35, 40.677, 82.263

Tritanomaly
35, 34.944, 44.888

Monochromacy



Original Color
35, 48.041, 64.238

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 17.962, 72.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 48.041, 64.238 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(126, 68, 5)` looks like.

```
.text, #text, p{  
    color:rgb(126, 68, 5)  
}
```

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(126, 68, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 68, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 48.041, 64.238 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(126, 68, 5) }
```

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

```
.border{ border-color:rgb(126, 68, 5) }
```

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

Here you see how a box with a 4 pixel rgb(126, 68, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 68, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 68, 5);  
box-shadow:4px 4px 4px 4px rgb(126, 68, 5)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 48.041, 64.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 68, 5) }
```

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

```
.background{ background-color: rgb(126, 68,  
5) }
```

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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