

Converting Colors

CIELCh(41, 35.338, 84.572)

Have a look what the booklet for
CIELCh(41, 35.338, 84.572) contains.

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Color

CIELCh(41, 35.253, 84.263)

Conversions

Conversions Part 1

Format	Color
Hex	765D25
RGB	118, 93, 37
RGB Percent	46%, 36%, 15%
CMY	0.5364, 0.6345, 0.8542
CMYK	0.00, 0.21, 0.69, 0.54
HSL	41°, 52%, 30%
HSV	41°, 69%, 46%
XYZ	11.7691, 11.8645, 3.4357
YIQ	94.0910, 32.8760, -12.1160

Conversions

Conversions Part 2

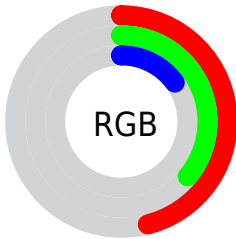
Format	Color
RYB	73, 118, 37
Decimal	7757093
CIELab	41.00, 3.52, 35.08
CIELCh	41, 35.253, 84.263
Yxy	11.8645, 0.4348, 0.4383
Android (android.graphics.Color)	4285947173 (0xFF765D25)
YUV	94.0910, -28.1459, 20.9682
Hunter-Lab	34.4449, 0.7111, 18.1977

Details

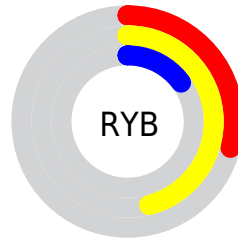
The CIELCh color **41, 35.253, 84.263** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27, 36.514, 286.444**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 35.108, 83.839**, and **21, 30.020, 81.466** is the 20% darker color. If you saturate the color by 10%, you get **40, 39.789, 82.765**, and if you desaturate by 10%, it is **42, 30.261, 85.671**.

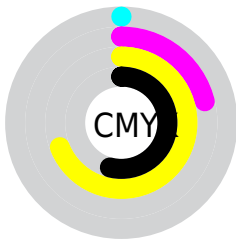
Distribution



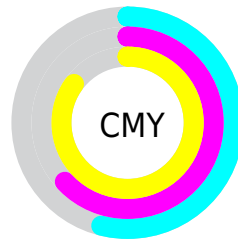
- Red (46%)
- Green (36%)
- Blue (15%)



- Red (29%)
- Yellow (46%)
- Blue (15%)



- Cyan (0%)
- Magenta (21%)
- Yellow (69%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 35.253, 84.263 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 41, 35.253, 84.263 by changing the saturation by 10% instead.

41, 35.253, 84.263

41, 35.253, 84.263

100, 35.253,
84.263

31, 35.253, 84.263

61, 35.253, 84.263

21, 35.253, 84.263

71, 35.253, 84.263

11, 35.253, 84.263

81, 35.253, 84.263

1, 35.253, 84.263

91, 35.253, 84.263

0, 35.253, 84.263

41, 35.253, 84.263

41, 35.253, 84.263

40, 39.789, 82.765

42, 30.261, 85.671

39, 43.489, 81.087

43, 25.062, 87.019

■ 38, 46.465, 79.297

■ 45, 19.801, 88.326

■ 38, 46.958, 79.066

■ 46, 14.560, 89.597

■ 47, 9.379, 90.830

■ 49, 4.279, 92.011

■ 50, 0.732, 273.414

■ 51, 5.655, 274.348

■ 53, 10.492,
275.404

Harmonies

Complementary

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



41, 35.253, 84.263



27, 36.514, 286.444

Rectangle

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



41, 35.253, 84.263



41, 35.253, 134.263



41, 35.253, 264.263



41, 35.253, 314.263

Sweetspot

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



41, 35.253, 84.266



60, 13.156, 90.467



28, 37.742, 5.193



30, 8.868, 90.207



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 35.253, 84.266



51, 50.568, 81.873



47, 44.690, 113.199



24, 2.804, 91.955



39, 48.134, 78.965



76, 81.414, 77.414

Inverse Universe

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



27, 36.514, 286.444



31, 55.001, 291.368



22, 53.558, 304.314



23, 2.811, 274.173



19, 56.872, 296.633



42, 101.998, 298.559

Previews

White Background



This preview shows how the CIELCh color 41, 35.253, 84.263 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 × Fail

Black Background



This preview shows how the CIELCh color 41, 35.253, 84.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

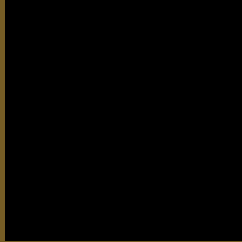
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 35.253, 84.263

Background



This preview shows how black text looks on a background with the CIELCh color 41, 35.253, 84.263.



This preview shows how white text looks on a background with the CIELCh color 41, 35.253, 84.263.

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

41, 35.253, 84.263

Protanopia

41, 34.560, 95.873

Deuteranopia

41, 35.199, 80.825



Tritanopia
41, 15.696, 6.228

Trichromacy



Original Color
41, 35.253, 84.263

Protanomaly
41, 34.639, 91.726

Deuteranomaly
41, 34.968, 81.551

Tritanomaly
41, 18.042, 52.968

Monochromacy



Original Color
41, 35.253, 84.263

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 13.373, 90.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 35.253, 84.263 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(118, 93, 37)` looks like.

```
.text, #text, p{  
    color:rgb(118, 93, 37)  
}
```

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(118, 93, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 93, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 35.253, 84.263 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(118, 93, 37) }
```

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

```
.border{ border-color:rgb(118, 93, 37) }
```

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

Here you see how a box with a 4 pixel rgb(118, 93, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 93, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 93, 37);  
box-shadow:4px 4px 4px 4px rgb(118, 93,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 35.253, 84.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 93, 37) }
```

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

```
.background{ background-color: rgb(118, 93,  
37) }
```

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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