

Converting Colors

CIELCh(41, 35.372, 61.025)

Have a look what the booklet for
CIELCh(41, 35.372, 61.025) contains.

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Color

CIELCh(41, 35.588, 60.977)

Conversions

Conversions Part 1

Format	Color
Hex	88552E
RGB	136, 85, 46
RGB Percent	53%, 33%, 18%
CMY	0.4678, 0.6676, 0.8205
CMYK	0.00, 0.38, 0.66, 0.47
HSL	26°, 50%, 36%
HSV	26°, 66%, 53%
XYZ	13.8253, 11.8645, 4.1223
YIQ	95.8030, 42.9150, -1.3170

Conversions

Conversions Part 2

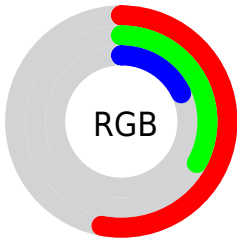
Format	Color
R_{YB}	136, 115, 46
Decimal	8934702
CIE _{Lab}	41.00, 17.27, 31.12
CIE _{LCh}	41, 35.588, 60.977
Yxy	11.8645, 0.4637, 0.3980
Android (android.graphics.Color)	4287124782 (0xFF88552E)
YUV	95.8030, -24.5529, 35.2528
Hunter-Lab	34.4449, 11.3668, 17.0157

Details

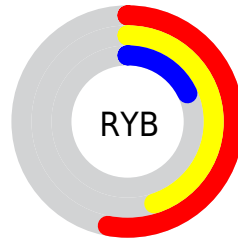
The CIELCh color **41, 35.588, 60.977** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **39, 27.015, 261.362**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 35.529, 61.388**, and **21, 35.024, 60.280** is the 20% darker color. If you saturate the color by 10%, you get **39, 41.727, 59.894**, and if you desaturate by 10%, it is **43, 29.483, 61.995**.

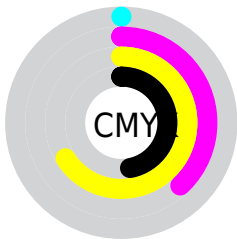
Distribution



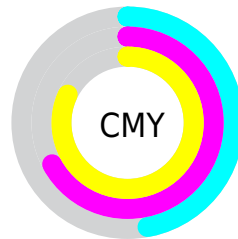
- Red (53%)
- Green (33%)
- Blue (18%)



- Red (53%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (38%)
- Yellow (66%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 35.588, 60.977 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, 35.588, 60.977 by changing the saturation by 10% instead.

■ 41, 35.588, 60.977

■ 41, 35.588, 60.977

■ 100, 35.588,
60.977

■ 31, 35.588, 60.977

■ 61, 35.588, 60.977

■ 21, 35.588, 60.977

■ 71, 35.588, 60.977

■ 11, 35.588, 60.977

■ 81, 35.588, 60.977

■ 1, 35.588, 60.977

■ 91, 35.588, 60.977

■ 0, 35.588, 60.977

■ 41, 35.588, 60.977

■ 41, 35.588, 60.977

■ 39, 41.727, 59.894

■ 43, 29.483, 61.995

■ 37, 47.543, 58.577

■ 45, 23.586, 63.002

35, 52.586, 56.879

48, 17.968, 64.027

35, 54.638, 56.480

50, 12.646, 65.068

53, 7.614, 66.115

55, 2.854, 67.113

58, 1.658, 248.476

60, 5.948, 249.387

63, 10.040,
250.392

Harmonies

Complementary

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



41, 35.588, 60.977



39, 27.015, 261.362

Rectangle

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



41, 35.588, 60.977



41, 35.588, 110.977



41, 35.588, 240.977



41, 35.588, 290.977

Sweetspot

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



41, 35.587, 60.981



66, 11.703, 65.680



34, 44.700, 347.146



34, 8.103, 65.424



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 35.587, 60.981



49, 54.420, 59.217



53, 45.465, 100.913



28, 2.619, 66.840



34, 53.693, 56.569



1, 1.190, 67.884

Inverse Universe

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



39, 27.015, 261.362



47, 39.150, 267.288



26, 54.271, 298.236



28, 2.542, 249.017



31, 37.896, 275.247



1, 1.191, 247.899

Previews

White Background



This preview shows how the CIELCh color 41, 35.588, 60.977 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, 35.588, 60.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

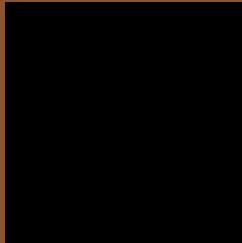
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 35.588, 60.977

Background



This preview shows how black text looks on a background with the CIELCh color 41, 35.588, 60.977.



This preview shows how white text looks on a background with the CIELCh color 41, 35.588, 60.977.

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, 35.588, 60.977

Protanopia

41, 28.185, 96.003

Deuteranopia

41, 32.004, 79.962



Tritanopia
41, 26.016, 15.670

Trichromacy



Original Color
41, 35.588, 60.977

Protanomaly
41, 29.494, 82.384

Deuteranomaly
41, 32.694, 71.730

Tritanomaly
41, 27.082, 36.784

Monochromacy



Original Color
41, 35.588, 60.977

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 11.871, 65.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 35.588, 60.977 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(136, 85, 46)` looks like.

```
.text, #text, p{  
    color:rgb(136, 85, 46)  
}
```

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(136, 85, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 85, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 35.588, 60.977 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(136, 85, 46) }
```

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

```
.border{ border-color:rgb(136, 85, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 85, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 85, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 85, 46);  
box-shadow:4px 4px 4px 4px rgb(136, 85,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 35.588, 60.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 85, 46) }
```

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

```
.background{ background-color: rgb(136, 85,  
46) }
```

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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