

Converting Colors

CIELCh(41, 53.952, 37.390)

Have a look what the booklet for
CIELCh(41, 53.952, 37.390) contains.

CIELCh(41, 54.164, 37.331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 54.164, 37.331)

Conversions

Conversions Part 1

Format	Color
Hex	A83D2D
RGB	168, 61, 45
RGB Percent	66%, 24%, 18%
CMY	0.3409, 0.7605, 0.8233
CMYK	0.00, 0.64, 0.73, 0.34
HSL	8°, 58%, 42%
HSV	8°, 73%, 66%
XYZ	18.3075, 11.8645, 3.8124
YIQ	91.1690, 68.9080, 17.7080

Conversions

Conversions Part 2

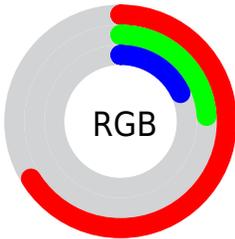
Format	Color
RYB	168, 63, 45
Decimal	11025709
CIELab	41.00, 43.07, 32.85
CIElCh	41, 54.164, 37.331
Yxy	11.8645, 0.5387, 0.3491
Android (android.graphics.Color)	4289215789 (0xFFA83D2D)
YUV	91.1690, -22.7613, 67.3808
Hunter-Lab	34.4449, 34.5945, 17.5492

Details

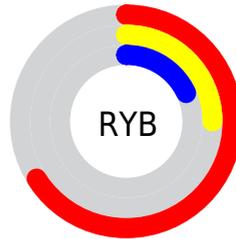
The CIELCh color **41, 54.164, 37.331** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 29.600, 215.183**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 54.220, 37.017**, and **21, 53.487, 36.780** is the 20% darker color. If you saturate the color by 10%, you get **39, 62.622, 39.154**, and if you desaturate by 10%, it is **44, 45.496, 35.699**.

Distribution



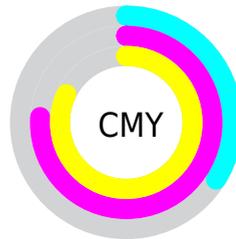
- Red (66%)
- Green (24%)
- Blue (18%)



- Red (66%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (34%)



- Cyan (34%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 54.164, 37.331 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, 54.164, 37.331 by changing the saturation by 10% instead.

■ 41, 54.164, 37.331

■ 41, 54.164, 37.331

■ 100, 54.164,
37.331

■ 31, 54.164, 37.331

■ 61, 54.164, 37.331

■ 21, 54.164, 37.331

■ 71, 54.164, 37.331

■ 11, 54.164, 37.331

■ 81, 54.164, 37.331

■ 1, 54.164, 37.331

■ 91, 54.164, 37.331

■ 0, 54.164, 37.331

■ 41, 54.164, 37.331

■ 41, 54.164, 37.331

■ 39, 62.622, 39.154

■ 44, 45.496, 35.699

■ 37, 70.001, 40.707

■ 47, 37.028, 34.385

36, 74.298, 41.814

51, 28.957, 33.394

55, 21.383, 32.682

59, 14.342, 32.191

63, 7.830, 31.860

67, 1.821, 31.488

72, 3.728, 211.822

76, 8.862, 211.759

Harmonies

Complementary

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



41, 54.164, 37.331



58, 29.600, 215.183

Rectangle

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



41, 54.164, 37.331



41, 54.164, 87.331



41, 54.164, 217.331



41, 54.164, 267.331

Sweetspot

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



41, 54.162, 37.334



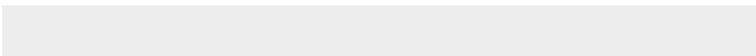
76, 16.835, 32.160



42, 69.015, 331.999



38, 11.415, 32.264



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



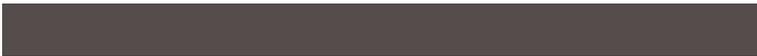
41, 54.162, 37.334



49, 82.394, 40.231



54, 48.258, 76.801



33, 3.309, 31.753



31, 67.085, 41.665



2, 5.919, 29.826

Inverse Universe

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



58, 29.600, 215.183



72, 38.534, 217.967



40, 46.718, 283.261



35, 3.120, 211.777



49, 29.237, 219.950



4, 5.652, 216.662

Previews

White Background



This preview shows how the CIELCh color 41, 54.164, 37.331 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 CIE LCh color 41, 54.164, 37.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

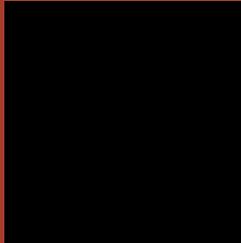
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 54.164, 37.331

Background



This preview shows how black text looks on a background with the CIELCh color 41, 54.164, 37.331.



This preview shows how white text looks on a background with the CIELCh color 41, 54.164, 37.331.

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, 54.164, 37.331

Protanopia

41, 24.729, 96.457

Deuteranopia

41, 35.409, 81.853



Tritanopia
41, 50.739, 26.788

Trichromacy



Original Color
41, 54.164, 37.331

Protanomaly
40, 29.797, 60.535

Deuteranomaly
40, 38.713, 58.609

Tritanomaly
41, 51.817, 30.883

Monochromacy



Original Color
41, 54.164, 37.331

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 18.579, 33.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 54.164, 37.331 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(168, 61, 45)` looks like.

```
.text, #text, p{  
    color:rgb(168, 61, 45)  
}
```

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(168, 61, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 61, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 54.164, 37.331 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(168, 61, 45) }
```

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

```
.border{ border-color:rgb(168, 61, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 61, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 61, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 61, 45);  
box-shadow:4px 4px 4px 4px rgb(168, 61,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 54.164, 37.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 61, 45) }
```

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

```
.background{ background-color: rgb(168, 61,  
45) }
```

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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