

Converting Colors

CIELCh(41, 50.989, 43.668)

Have a look what the booklet for
CIELCh(41, 50.989, 43.668) contains.

CIELCh(41, 51.045, 43.806)	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, 51.045, 43.806)

Conversions

Conversions Part 1

Format	Color
Hex	A14428
RGB	161, 68, 40
RGB Percent	63%, 27%, 16%
CMY	0.3686, 0.7333, 0.8431
CMYK	0.00, 0.58, 0.75, 0.37
HSL	14°, 60%, 39%
HSV	14°, 75%, 63%
XYZ	17.1480, 11.8645, 3.3938
YIQ	92.6150, 64.4160, 11.0080

Conversions

Conversions Part 2

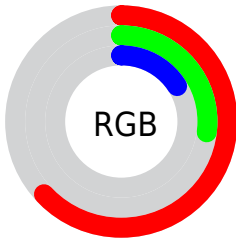
Format	Color
RYB	161, 76, 40
Decimal	10568744
CIELab	41.00, 36.84, 35.33
CIELCh	41, 51.045, 43.806
Yxy	11.8645, 0.5292, 0.3661
Android (android.graphics.Color)	4288758824 (0xFFA14428)
YUV	92.6150, -25.9392, 59.9736
Hunter-Lab	34.4449, 28.5856, 18.2698

Details

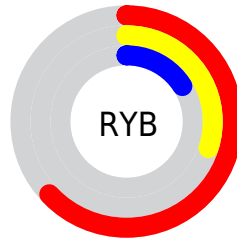
The CIELCh color **41, 51.045, 43.806** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **52, 28.371, 232.929**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 50.948, 43.653**, and **21, 48.666, 40.550** is the 20% darker color. If you saturate the color by 10%, you get **39, 58.978, 44.378**, and if you desaturate by 10%, it is **44, 42.934, 43.215**.

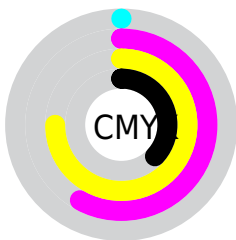
Distribution



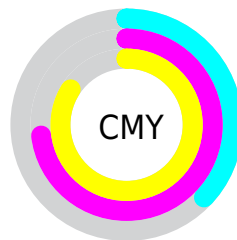
- Red (63%)
- Green (27%)
- Blue (16%)



- Red (63%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (58%)
- Yellow (75%)
- Black (37%)



- Cyan (37%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 51.045, 43.806 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, 51.045, 43.806 by changing the saturation by 10% instead.

■ 41, 51.045, 43.806

■ 41, 51.045, 43.806

■ 100, 51.045,
43.806

■ 31, 51.045, 43.806

■ 61, 51.045, 43.806

■ 21, 51.045, 43.806

■ 71, 51.045, 43.806

■ 11, 51.045, 43.806

■ 81, 51.045, 43.806

■ 1, 51.045, 43.806

■ 91, 51.045, 43.806

■ 0, 51.045, 43.806

■ 41, 51.045, 43.806

■ 41, 51.045, 43.806

■ 39, 58.978, 44.378

■ 44, 42.934, 43.215

■ 37, 65.878, 44.516

■ 47, 35.063, 42.767

36, 69.118, 44.834

50, 27.611, 42.506

53, 20.649, 42.422

57, 14.188, 42.486

61, 8.211, 42.660

64, 2.684, 42.838

68, 2.434, 223.557

72, 7.185, 223.846

Harmonies

Complementary

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



41, 51.045, 43.806



52, 28.371, 232.929

Rectangle

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



41, 51.045, 43.806



41, 51.045, 93.806



41, 51.045, 223.806



41, 51.045, 273.806

Sweetspot

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



41, 51.043, 43.809



73, 15.938, 42.510



39, 63.345, 336.487



37, 11.162, 42.467



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



41, 51.043, 43.809



49, 77.321, 44.543



55, 49.766, 85.044



33, 3.027, 42.785



32, 63.729, 44.901



2, 4.607, 40.598

Inverse Universe

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



52, 28.371, 232.929



63, 37.470, 238.528



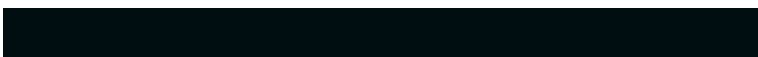
34, 54.142, 290.751



33, 2.867, 223.674



44, 29.430, 241.426



3, 4.491, 229.511

Previews

White Background



This preview shows how the CIELCh color 41, 51.045, 43.806 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, 51.045, 43.806 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, 51.045, 43.806

Background



This preview shows how black text looks on a background with the CIELCh color 41, 51.045, 43.806.



This preview shows how white text looks on a background with the CIELCh color 41, 51.045, 43.806.

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, 51.045, 43.806

Protanopia

41, 29.236, 96.219

Deuteranopia

41, 37.514, 81.972



Tritanopia
41, 44.470, 24.288

Trichromacy



Original Color
41, 51.045, 43.806

Protanomaly
40, 32.364, 68.275

Deuteranomaly
41, 39.953, 64.461

Tritanomaly
41, 46.518, 32.494

Monochromacy



Original Color
41, 51.045, 43.806

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 17.094, 42.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 51.045, 43.806 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(161, 68, 40)` looks like.

```
.text, #text, p{  
    color:rgb(161, 68, 40)  
}
```

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(161, 68, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 68, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 51.045, 43.806 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(161, 68, 40) }
```

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

```
.border{ border-color:rgb(161, 68, 40) }
```

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

Here you see how a box with a 4 pixel rgb(161, 68, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 68, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 68, 40);  
box-shadow:4px 4px 4px 4px rgb(161, 68,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 51.045, 43.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 68, 40) }
```

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

```
.background{ background-color: rgb(161, 68,  
40) }
```

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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