

Converting Colors

CIELCh(43, 51.275, 47.509)

Have a look what the booklet for
CIELCh(43, 51.275, 47.509) contains.

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Color

CIELCh(43, 51.344, 47.263)

Conversions

Conversions Part 1

Format	Color
Hex	A54B28
RGB	165, 75, 40
RGB Percent	65%, 29%, 16%
CMY	0.3534, 0.7063, 0.8435
CMYK	0.00, 0.55, 0.76, 0.35
HSL	17°, 61%, 40%
HSV	17°, 76%, 65%
XYZ	18.3830, 13.1578, 3.5701
YIQ	97.9200, 64.8750, 8.1950

Conversions

Conversions Part 2

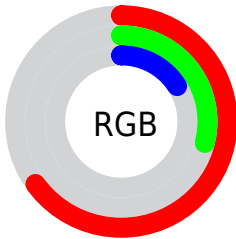
Format	Color
RYB	165, 89, 40
Decimal	10832680
CIELab	43.00, 34.84, 37.71
CIElCh	43, 51.344, 47.263
Yxy	13.1578, 0.5236, 0.3747
Android (android.graphics.Color)	4289022760 (0xFFA54B28)
YUV	97.9200, -28.5546, 58.8292
Hunter-Lab	36.2736, 26.9827, 19.5562

Details

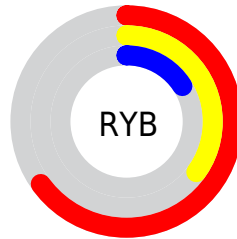
The CIELCh color **43, 51.344, 47.263** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **51, 29.677, 241.727**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 51.353, 47.350**, and **23, 48.927, 44.120** is the 20% darker color. If you saturate the color by 10%, you get **41, 59.178, 47.265**, and if you desaturate by 10%, it is **46, 43.281, 47.154**.

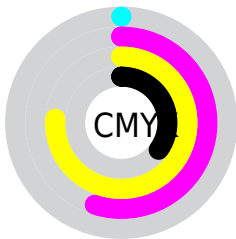
Distribution



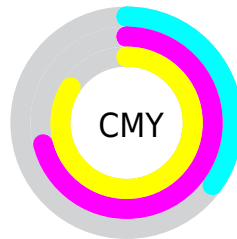
- Red (65%)
- Green (29%)
- Blue (16%)



- Red (65%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (76%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 51.344, 47.263 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 43, 51.344, 47.263 by changing the saturation by 10% instead.

■ 43, 51.344, 47.263

■ 43, 51.344, 47.263

■ 100, 51.344,
47.263

■ 33, 51.344, 47.263

■ 63, 51.344, 47.263

■ 23, 51.344, 47.263

■ 73, 51.344, 47.263

■ 13, 51.344, 47.263

■ 83, 51.344, 47.263

■ 3, 51.344, 47.263

■ 93, 51.344, 47.263

■ 0, 51.344, 47.263

■ 43, 51.344, 47.263

■ 43, 51.344, 47.263

■ 41, 59.178, 47.265

■ 46, 43.281, 47.154

■ 39, 65.926, 46.772

■ 49, 35.439, 47.115

38, 68.724, 46.778

52, 28.005, 47.206

55, 21.051, 47.431

59, 14.586, 47.771

62, 8.593, 48.196

66, 3.035, 48.620

69, 2.129, 229.549

73, 6.940, 230.011

Harmonies

Complementary

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



43, 51.344, 47.263



51, 29.677, 241.727

Rectangle

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



43, 51.344, 47.263



43, 51.344, 97.263



43, 51.344, 227.263



43, 51.344, 277.263

Sweetspot

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



43, 51.342, 47.266



76, 15.945, 47.866



40, 62.748, 339.077



38, 11.166, 47.730



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 51.342, 47.266



51, 77.738, 46.986



58, 52.495, 88.861



33, 2.977, 48.489



33, 62.314, 47.041



2, 4.524, 45.857

Inverse Universe

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



51, 29.677, 241.727



62, 40.022, 248.509



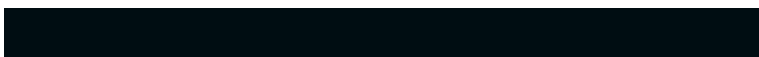
33, 59.907, 293.795



33, 2.830, 229.785



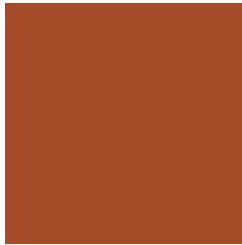
41, 31.035, 251.267



3, 4.476, 236.034

Previews

White Background



This preview shows how the CIELCh color 43, 51.344, 47.263 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 CIE LCh color 43, 51.344, 47.263 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 43, 51.344, 47.263

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.344, 47.263.



This preview shows how white text looks on a background with the CIELCh color 43, 51.344, 47.263.

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

43, 51.344, 47.263

Protanopia

43, 31.853, 95.878

Deuteranopia

43, 39.643, 81.697



Tritanopia
43, 43.000, 22.814

Trichromacy



Original Color
43, 51.344, 47.263

Protanomaly
42, 34.867, 71.179

Deuteranomaly
43, 41.718, 66.575

Tritanomaly
43, 45.301, 32.735

Monochromacy



Original Color
43, 51.344, 47.263

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.910, 48.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 51.344, 47.263 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(165, 75, 40)` looks like.

```
.text, #text, p{  
    color:rgb(165, 75, 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(165, 75, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 75, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.344, 47.263 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(165, 75, 40) }
```

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

```
.border{ border-color:rgb(165, 75, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 75, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 75, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 75, 40);  
box-shadow:4px 4px 4px 4px rgb(165, 75,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.344, 47.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 75, 40) }
```

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

```
.background{ background-color: rgb(165, 75,  
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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