

Converting Colors

CIELCh(44, 53.857, 50.040)

Have a look what the booklet for
CIELCh(44, 53.857, 50.040) contains.

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Color

CIELCh(44, 53.810, 50.426)

Conversions

Conversions Part 1

Format	Color
Hex	A84E23
RGB	168, 78, 35
RGB Percent	66%, 31%, 14%
CMY	0.3421, 0.6949, 0.8635
CMYK	0.00, 0.54, 0.79, 0.34
HSL	19°, 66%, 40%
HSV	19°, 79%, 66%
XYZ	19.1071, 13.8382, 3.2392
YIQ	100.0080, 67.4430, 5.7070

Conversions

Conversions Part 2

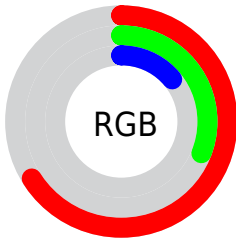
Format	Color
RYB	168, 99, 35
Decimal	11030051
CIELab	44.00, 34.28, 41.48
CIElCh	44, 53.810, 50.426
Yxy	13.8382, 0.5280, 0.3824
Android (android.graphics.Color)	4289220131 (0xFFA84E23)
YUV	100.0080, -32.0489, 59.6290
Hunter-Lab	37.1997, 26.5842, 20.8770

Details

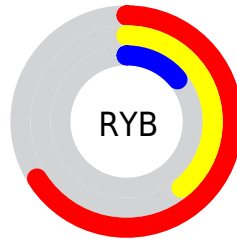
The CIELCh color **44, 53.810, 50.426** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **49, 32.107, 250.461**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 53.496, 50.333**, and **24, 49.545, 45.769** is the 20% darker color. If you saturate the color by 10%, you get **42, 61.216, 49.829**, and if you desaturate by 10%, it is **47, 45.882, 50.750**.

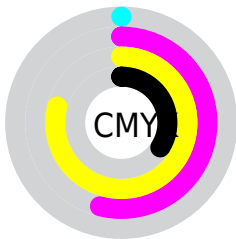
Distribution



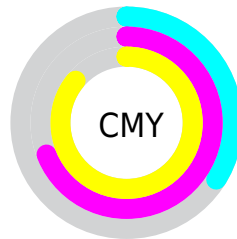
- Red (66%)
- Green (31%)
- Blue (14%)



- Red (66%)
- Yellow (39%)
- Blue (14%)



- Cyan (0%)
- Magenta (54%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 53.810, 50.426 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 44, 53.810, 50.426 by changing the saturation by 10% instead.

■ 44, 53.810, 50.426

■ 44, 53.810, 50.426

■ 100, 53.810,
50.426

■ 34, 53.810, 50.426

■ 64, 53.810, 50.426

■ 24, 53.810, 50.426

■ 74, 53.810, 50.426

■ 14, 53.810, 50.426

■ 84, 53.810, 50.426

■ 4, 53.810, 50.426

■ 94, 53.810, 50.426

■ 0, 53.810, 50.426

■ 44, 53.810, 50.426

■ 44, 53.810, 50.426

■ 42, 61.216, 49.829

■ 47, 45.882, 50.750

■ 40, 67.544, 48.870

■ 49, 38.027, 51.044

40, 68.048, 48.852

52, 30.508, 51.409

56, 23.431, 51.870

59, 16.822, 52.422

62, 10.670, 53.045

66, 4.945, 53.694

69, 0.392, 235.624

73, 5.381, 235.364

Harmonies

Complementary

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



44, 53.810, 50.426



49, 32.107, 250.461

Rectangle

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



44, 53.810, 50.426



44, 53.810, 100.426



44, 53.810, 230.426



44, 53.810, 280.426

Sweetspot

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



44, 53.808, 50.429



77, 16.862, 52.714



40, 63.045, 342.318



39, 11.714, 52.505



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



44, 53.808, 50.429



53, 80.343, 48.902



60, 56.651, 92.100



34, 3.034, 53.692



35, 61.792, 49.217



3, 5.406, 48.873

Inverse Universe

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



49, 32.107, 250.461



60, 44.288, 258.460



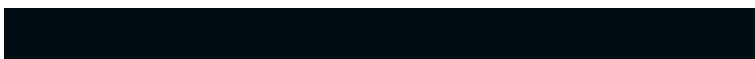
30, 68.313, 297.263



34, 2.897, 235.323



40, 33.592, 259.362



3, 5.456, 243.888

Previews

White Background



This preview shows how the CIELCh color 44, 53.810, 50.426 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 44, 53.810, 50.426 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 44, 53.810, 50.426

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.810, 50.426.



This preview shows how white text looks on a background with the CIELCh color 44, 53.810, 50.426.

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

44, 53.810, 50.426

Protanopia

44, 36.434, 95.706

Deuteranopia

44, 43.422, 81.866



Tritanopia
44, 43.723, 22.876

Trichromacy



Original Color
44, 53.810, 50.426

Protanomaly
43, 38.862, 74.359

Deuteranomaly
44, 45.528, 68.125

Tritanomaly
44, 46.062, 35.147

Monochromacy



Original Color
44, 53.810, 50.426

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 18.313, 52.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.810, 50.426 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, 78, 35)` looks like.

```
.text, #text, p{  
    color:rgb(168, 78, 35)  
}
```

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, 78, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 78, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.810, 50.426 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, 78, 35) }
```

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

```
.border{ border-color:rgb(168, 78, 35) }
```

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

Here you see how a box with a 4 pixel rgb(168, 78, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 78, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 78, 35);  
box-shadow:4px 4px 4px 4px rgb(168, 78,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.810, 50.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 78, 35) }
```

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

```
.background{ background-color: rgb(168, 78,  
35) }
```

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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