

Converting Colors

CIELCh(44, 60.878, 38.236)

Have a look what the booklet for
CIELCh(44, 60.878, 38.236) contains.

CIELCh(44, 60.878, 38.236)	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(44, 60.878, 38.236)

Conversions

Conversions Part 1

Format	Color
Hex	B83F2C
RGB	184, 63, 44
RGB Percent	72%, 25%, 17%
CMY	0.2800, 0.7543, 0.8286
CMYK	0.00, 0.66, 0.76, 0.28
HSL	8°, 62%, 45%
HSV	8°, 76%, 72%
XYZ	21.8805, 13.8382, 3.8723
YIQ	97.0130, 78.2150, 19.7430

Conversions

Conversions Part 2

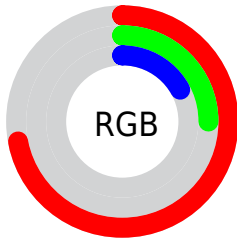
Format	Color
RYB	184, 66, 44
Decimal	12074796
CIELab	44.00, 47.82, 37.68
CIElCh	44, 60.878, 38.236
Yxy	13.8382, 0.5527, 0.3495
Android (android.graphics.Color)	4290264876 (0xFFB83F2C)
YUV	97.0130, -26.1354, 76.2876
Hunter-Lab	37.1997, 39.8925, 19.8680

Details

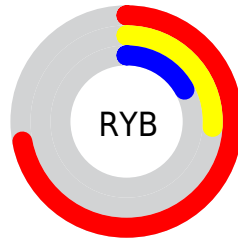
The CIELCh color **44, 60.878, 38.236** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **62, 32.130, 216.569**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 60.920, 38.005**, and **25, 59.691, 38.106** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.711, 39.983**, and if you desaturate by 10%, it is **47, 51.578, 36.562**.

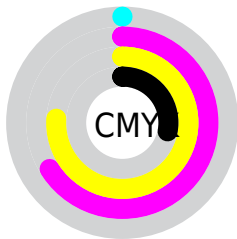
Distribution



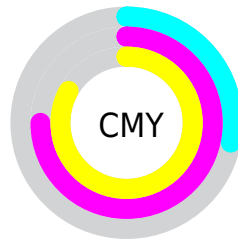
- Red (72%)
- Green (25%)
- Blue (17%)



- Red (72%)
- Yellow (26%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 60.878, 38.236 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, 60.878, 38.236 by changing the saturation by 10% instead.

■ 44, 60.878, 38.236 ■ 44, 60.878, 38.236

■ 100, 60.878, 38.236 ■ 34, 60.878, 38.236

■ 64, 60.878, 38.236 ■ 24, 60.878, 38.236

■ 74, 60.878, 38.236 ■ 14, 60.878, 38.236

■ 84, 60.878, 38.236 ■ 4, 60.878, 38.236

■ 94, 60.878, 38.236 ■ 0, 60.878, 38.236

■ 44, 60.878, 38.236 ■ 44, 60.878, 38.236

■ 42, 69.711, 39.983 ■ 47, 51.578, 36.562

■ 40, 76.907, 41.220 ■ 50, 42.389, 35.176

39, 79.389, 41.844

54, 33.580, 34.116

58, 25.285, 33.349

63, 17.562, 32.820

67, 10.416, 32.471

72, 3.823, 32.204

76, 2.260, 212.500

81, 7.881, 212.349

Harmonies

Complementary

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



44, 60.878, 38.236



62, 32.130, 216.569

Rectangle

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



44, 60.878, 38.236



44, 60.878, 88.236



44, 60.878, 218.236



44, 60.878, 268.236

Sweetspot

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



44, 60.876, 38.239



82, 18.931, 32.707



45, 74.825, 332.877



41, 13.291, 32.854



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 60.876, 38.239



53, 91.051, 40.862



59, 54.043, 77.680



36, 3.543, 32.294



33, 69.774, 41.886



3, 9.686, 28.504

Inverse Universe

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



62, 32.130, 216.569



78, 41.366, 219.750



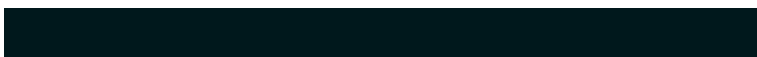
41, 53.834, 285.783



38, 3.338, 212.358



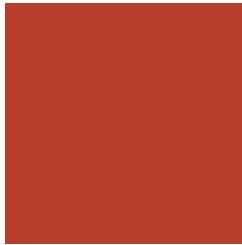
51, 30.266, 221.166



7, 8.826, 218.481

Previews

White Background



This preview shows how the CIELCh color 44, 60.878, 38.236 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, 60.878, 38.236 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, 60.878, 38.236

Background



This preview shows how black text looks on a background with the CIELCh color 44, 60.878, 38.236.



This preview shows how white text looks on a background with the CIELCh color 44, 60.878, 38.236.

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, 60.878, 38.236

Protanopia

44, 28.440, 96.467

Deuteranopia

44, 40.447, 82.275



Tritanopia
44, 56.572, 27.829

Trichromacy



Original Color
44, 60.878, 38.236

Protanomaly
43, 34.365, 61.153

Deuteranomaly
43, 44.309, 59.565

Tritanomaly
44, 57.980, 31.898

Monochromacy



Original Color
44, 60.878, 38.236

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 20.398, 33.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 60.878, 38.236 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(184, 63, 44)` looks like.

```
.text, #text, p{  
    color:rgb(184, 63, 44)  
}
```

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(184, 63, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 63, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 60.878, 38.236 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(184, 63, 44) }
```

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

```
.border{ border-color:rgb(184, 63, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 63, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 63, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 63, 44);  
box-shadow:4px 4px 4px 4px rgb(184, 63,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 60.878, 38.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 63, 44) }
```

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

```
.background{ background-color: rgb(184, 63,  
44) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor