

Converting Colors

CIELCh(48, 41.821, 34.786)

Have a look what the booklet for
CIELCh(48, 41.821, 34.786) contains.

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Color

CIELCh(48, 41.626, 34.834)

Conversions

Conversions Part 1

Format	Color
Hex	B0594C
RGB	176, 89, 76
RGB Percent	69%, 35%, 30%
CMY	0.3113, 0.6522, 0.7031
CMYK	0.00, 0.50, 0.57, 0.31
HSL	8°, 40%, 49%
HSV	8°, 57%, 69%
XYZ	22.6587, 16.7945, 8.8296
YIQ	113.5310, 56.0250, 14.4010

Conversions

Conversions Part 2

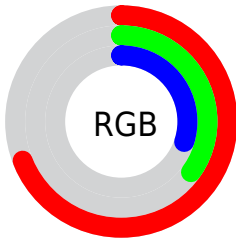
Format	Color
R _Y B	176, 91, 76
Decimal	11557196
CIE Lab	48.00, 34.17, 23.78
CIE LCh	48, 41.626, 34.834
Yxy	16.7945, 0.4693, 0.3478
Android (android.graphics.Color)	4289747276 (0xFFB0594C)
YUV	113.5310, -18.5028, 54.7853
Hunter-Lab	40.9810, 26.9773, 15.9123

Details

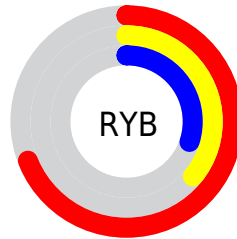
The CIELCh color **48, 41.626, 34.834** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62, 26.628, 213.371**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 41.511, 35.053**, and **28, 41.462, 34.779** is the 20% darker color. If you saturate the color by 10%, you get **45, 50.515, 36.289**, and if you desaturate by 10%, it is **52, 33.081, 33.720**.

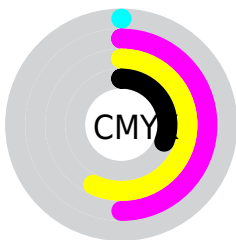
Distribution



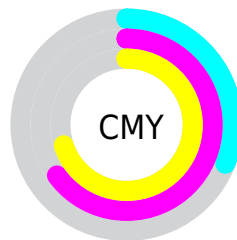
- Red (69%)
- Green (35%)
- Blue (30%)



- Red (69%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 41.626, 34.834 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 48, 41.626, 34.834 by changing the saturation by 10% instead.

■ 48, 41.626, 34.834

■ 48, 41.626, 34.834

■ 100, 41.626,
34.834

■ 38, 41.626, 34.834

■ 68, 41.626, 34.834

■ 28, 41.626, 34.834

■ 78, 41.626, 34.834

■ 18, 41.626, 34.834

■ 88, 41.626, 34.834

■ 8, 41.626, 34.834

■ 98, 41.626, 34.834

■ 0, 41.626, 34.834

■ 48, 41.626, 34.834

■ 48, 41.626, 34.834

■ 45, 50.515, 36.289

■ 52, 33.081, 33.720

■ 42, 59.481, 38.034

■ 56, 25.024, 32.902

■ 40, 67.955, 39.838

■ 60, 17.512, 32.330

■ 38, 74.850, 41.179

■ 64, 10.557, 31.945

■ 37, 76.876, 41.785

■ 69, 4.136, 31.655

■ 73, 1.788, 211.958

■ 78, 7.263, 211.732

■ 82, 12.337,
211.754

■ 87, 17.056,
211.839

Harmonies

Complementary

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



48, 41.626, 34.834



62, 26.628, 213.371

Rectangle

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



48, 41.626, 34.834



48, 41.626, 84.834



48, 41.626, 214.834



48, 41.626, 264.834

Sweetspot

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



48, 41.624, 34.837



82, 13.224, 31.957



48, 59.472, 331.107



42, 8.907, 32.022



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



48, 41.624, 34.837



57, 64.234, 36.669



60, 38.894, 79.291



34, 3.393, 31.727



32, 68.032, 41.697



2, 7.062, 29.206

Inverse Universe

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



62, 26.628, 213.371



78, 36.440, 214.651



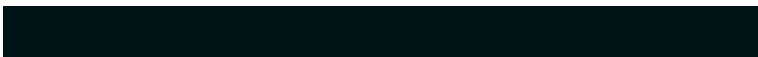
48, 37.255, 278.065



36, 3.198, 211.748



50, 29.606, 219.935



5, 6.678, 217.508

Previews

White Background



This preview shows how the CIELCh color 48, 41.626, 34.834 looks on a white background.

Color Contrast Check

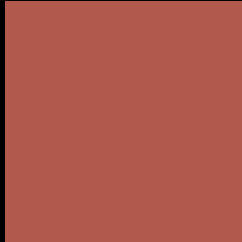
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 41.626, 34.834 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 48, 41.626, 34.834

Background



This preview shows how black text looks on a background with the CIELCh color 48, 41.626, 34.834.



This preview shows how white text looks on a background with the CIELCh color 48, 41.626, 34.834.

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

48, 41.626, 34.834

Protanopia

48, 16.857, 94.195

Deuteranopia

48, 25.804, 75.563



Tritanopia
48, 40.123, 20.525

Trichromacy



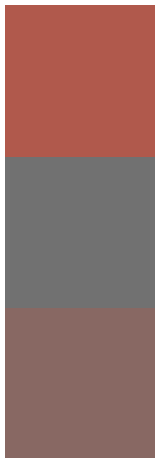
Original Color
48, 41.626, 34.834

Protanomaly
48, 22.037, 58.078

Deuteranomaly
48, 29.666, 55.659

Tritanomaly
48, 40.136, 25.918

Monochromacy



Original Color
48, 41.626, 34.834

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 14.302, 32.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 41.626, 34.834 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(176, 89, 76)` looks like.

```
.text, #text, p{  
    color:rgb(176, 89, 76)  
}
```

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(176, 89, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 89, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 41.626, 34.834 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(176, 89, 76) }
```

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

```
.border{ border-color:rgb(176, 89, 76) }
```

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

Here you see how a box with a 4 pixel rgb(176, 89, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 89, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 89, 76);  
box-shadow:4px 4px 4px 4px rgb(176, 89,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 41.626, 34.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 89, 76) }
```

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

```
.background{ background-color: rgb(176, 89,  
76) }
```

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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