

Converting Colors

CIELCh(48, 44.848, 17.300)

Have a look what the booklet for
CIELCh(48, 44.848, 17.300) contains.

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Color

CIELCh(48, 44.846, 17.144)

Conversions

Conversions Part 1

Format	Color
Hex	B8515E
RGB	184, 81, 94
RGB Percent	72%, 32%, 37%
CMY	0.2797, 0.6835, 0.6324
CMYK	0.00, 0.56, 0.49, 0.28
HSL	352°, 42%, 52%
HSV	352°, 56%, 72%
XYZ	24.6171, 16.7945, 12.4701
YIQ	113.2790, 57.2150, 25.8790

Conversions

Conversions Part 2

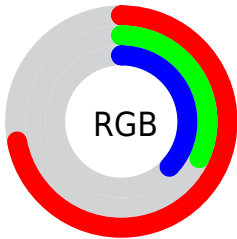
Format	Color
RYB	184, 81, 94
Decimal	12079454
CIELab	48.00, 42.85, 13.22
CIELCh	48, 44.846, 17.144
Yxy	16.7945, 0.4569, 0.3117
Android (android.graphics.Color)	4290269534 (0xFFB8515E)
YUV	113.2790, -9.5045, 62.0223
Hunter-Lab	40.9810, 35.5074, 10.6455

Details

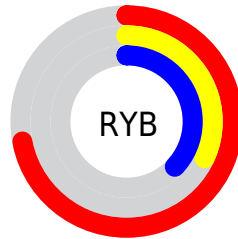
The CIELCh color **48, 44.846, 17.144** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 33.060, 184.179**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 44.532, 17.415**, and **28, 44.587, 17.344** is the 20% darker color. If you saturate the color by 10%, you get **44, 53.135, 20.031**, and if you desaturate by 10%, it is **52, 36.318, 14.872**.

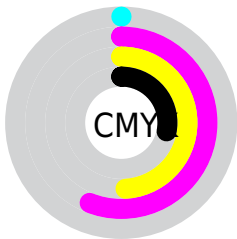
Distribution



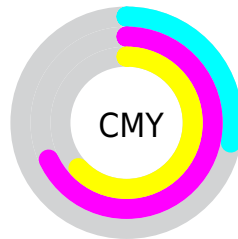
- Red (72%)
- Green (32%)
- Blue (37%)



- Red (72%)
- Yellow (32%)
- Blue (37%)



- Cyan (0%)
- Magenta (56%)
- Yellow (49%)
- Black (28%)



- Cyan (28%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 44.846, 17.144 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, 44.846, 17.144 by changing the saturation by 10% instead.

 48, 44.846, 17.144

 48, 44.846, 17.144

 100, 44.846,
17.144

 38, 44.846, 17.144

 68, 44.846, 17.144

 28, 44.846, 17.144

 78, 44.846, 17.144

 18, 44.846, 17.144

 88, 44.846, 17.144

 8, 44.846, 17.144

 98, 44.846, 17.144

 0, 44.846, 17.144

 48, 44.846, 17.144

 48, 44.846, 17.144

 44, 53.135, 20.031

 52, 36.318, 14.872

 42, 60.900, 23.639

 57, 27.833, 13.072

40, 67.906, 27.969

61, 19.594, 11.628

39, 73.983, 32.709

66, 11.726, 10.446

38, 76.226, 34.375

71, 4.289, 9.409

77, 2.703, 188.900

82, 9.264, 188.080

87, 15.423,
187.462

93, 21.216,
186.931

Harmonies

Complementary

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



48, 44.846, 17.144



69, 33.060, 184.179

Rectangle

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



48, 44.846, 17.144



48, 44.846, 67.144



48, 44.846, 197.144



48, 44.846, 247.144

Sweetspot

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



48, 44.843, 17.147



84, 15.472, 10.580



49, 64.583, 323.163



43, 10.404, 10.803



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



48, 44.843, 17.147



57, 66.906, 20.718



56, 37.940, 55.297



36, 4.052, 9.748



32, 66.940, 33.712



2, 10.753, 11.763

Inverse Universe

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



48, 44.843, 17.147



57, 66.906, 20.718



58, 27.817, 249.381



36, 4.052, 9.748



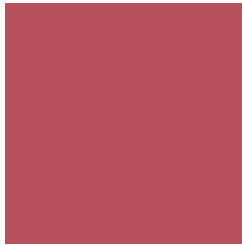
32, 66.940, 33.712



2, 10.753, 11.763

Previews

White Background



This preview shows how the CIELCh color 48, 44.846, 17.144 looks on a white background.

Color Contrast Check

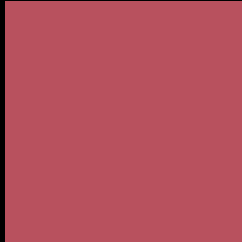
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 44.846, 17.144 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, 44.846, 17.144

Background



This preview shows how black text looks on a background with the CIELCh color 48, 44.846, 17.144.



This preview shows how white text looks on a background with the CIELCh color 48, 44.846, 17.144.

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, 44.846, 17.144

Protanopia

48, 2.137, 74.714

Deuteranopia

48, 16.487, 67.885



Tritanopia
48, 44.808, 22.639

Trichromacy



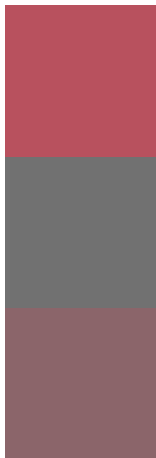
Original Color
48, 44.846, 17.144

Protanomaly
47, 16.774, 15.595

Deuteranomaly
47, 24.439, 33.207

Tritanomaly
48, 44.547, 21.191

Monochromacy



Original Color
48, 44.846, 17.144

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 16.416, 11.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 44.846, 17.144 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, 81, 94)` looks like.

```
.text, #text, p{  
    color:rgb(184, 81, 94)  
}
```

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, 81, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 81, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 44.846, 17.144 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, 81, 94) }
```

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

```
.border{ border-color:rgb(184, 81, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 81, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 81, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 81, 94);  
box-shadow:4px 4px 4px 4px rgb(184, 81,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 44.846, 17.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 81, 94) }
```

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

```
.background{ background-color: rgb(184, 81,  
94) }
```

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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