

Converting Colors

CIELCh(48, 58.425, 39.148)

Have a look what the booklet for
CIELCh(48, 58.425, 39.148) contains.

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Color

CIELCh(48, 58.654, 38.896)

Conversions

Conversions Part 1

Format	Color
Hex	C14C36
RGB	193, 76, 54
RGB Percent	76%, 30%, 21%
CMY	0.2428, 0.7016, 0.7880
CMYK	0.00, 0.61, 0.72, 0.24
HSL	10°, 56%, 48%
HSV	10°, 72%, 76%
XYZ	25.2708, 16.7945, 5.4076
YIQ	108.4750, 76.7940, 17.9620

Conversions

Conversions Part 2

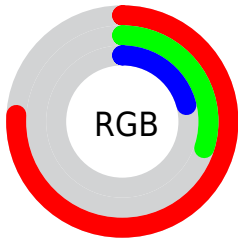
Format	Color
RYB	193, 80, 54
Decimal	12667958
CIELab	48.00, 45.65, 36.83
CIElCh	48, 58.654, 38.896
Yxy	16.7945, 0.5323, 0.3538
Android (android.graphics.Color)	4290858038 (0xFFC14C36)
YUV	108.4750, -26.8562, 74.1284
Hunter-Lab	40.9810, 38.3545, 20.8632

Details

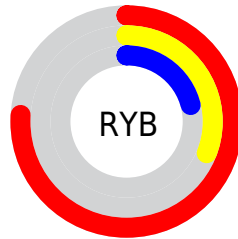
The CIELCh color **48, 58.654, 38.896** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **65, 32.245, 219.748**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 58.603, 38.770**, and **28, 58.956, 38.928** is the 20% darker color. If you saturate the color by 10%, you get **45, 68.142, 40.384**, and if you desaturate by 10%, it is **51, 49.016, 37.564**.

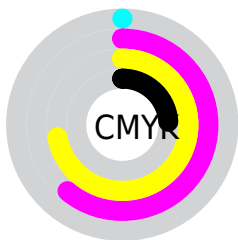
Distribution



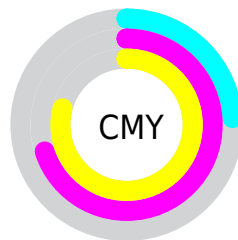
- Red (76%)
- Green (30%)
- Blue (21%)



- Red (76%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (61%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 58.654, 38.896 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, 58.654, 38.896 by changing the saturation by 10% instead.

 48, 58.654, 38.896

 48, 58.654, 38.896

 100, 58.654,
38.896

 38, 58.654, 38.896

 68, 58.654, 38.896

 28, 58.654, 38.896

 78, 58.654, 38.896

 18, 58.654, 38.896

 88, 58.654, 38.896

 8, 58.654, 38.896

 98, 58.654, 38.896

 0, 58.654, 38.896

 48, 58.654, 38.896

 48, 58.654, 38.896

 45, 68.142, 40.384

 51, 49.016, 37.564

 43, 76.530, 41.592

 55, 39.667, 36.509

42, 81.879, 42.293

59, 30.808, 35.742

63, 22.530, 35.222

68, 14.857, 34.901

72, 7.774, 34.720

77, 1.243, 34.330

82, 4.786, 214.939

87, 10.364,
215.010

Harmonies

Complementary

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



48, 58.654, 38.896



65, 32.245, 219.748

Rectangle

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



48, 58.654, 38.896



48, 58.654, 88.896



48, 58.654, 218.896



48, 58.654, 268.896

Sweetspot

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



48, 58.652, 38.899



86, 18.345, 34.910



48, 74.499, 333.331



44, 12.465, 34.982



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



48, 58.652, 38.899



57, 88.450, 41.110



63, 53.824, 79.803



38, 3.644, 34.682



35, 71.064, 42.492



4, 12.693, 29.003

Inverse Universe

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



65, 32.245, 219.748



80, 41.925, 223.027



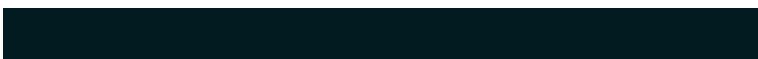
45, 54.200, 285.627



40, 3.434, 214.939



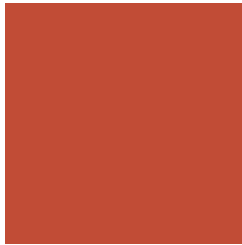
52, 30.827, 226.111



8, 10.619, 219.631

Previews

White Background



This preview shows how the CIELCh color 48, 58.654, 38.896 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, 58.654, 38.896 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, 58.654, 38.896

Background



This preview shows how black text looks on a background with the CIELCh color 48, 58.654, 38.896.



This preview shows how white text looks on a background with the CIELCh color 48, 58.654, 38.896.

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, 58.654, 38.896

Protanopia

48, 28.170, 95.944

Deuteranopia

48, 39.190, 81.096



Tritanopia
48, 53.922, 25.195

Trichromacy



Original Color
48, 58.654, 38.896

Protanomaly
47, 33.615, 62.656

Deuteranomaly
47, 42.956, 59.665

Tritanomaly
48, 55.510, 30.669

Monochromacy



Original Color
48, 58.654, 38.896

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.041, 35.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 58.654, 38.896 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(193, 76, 54)` looks like.

```
.text, #text, p{  
    color:rgb(193, 76, 54)  
}
```

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(193, 76, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 76, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 58.654, 38.896 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(193, 76, 54) }
```

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

```
.border{ border-color:rgb(193, 76, 54) }
```

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

Here you see how a box with a 4 pixel rgb(193, 76, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 76, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 76, 54);  
box-shadow:4px 4px 4px 4px rgb(193, 76,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 58.654, 38.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 76, 54) }
```

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

```
.background{ background-color: rgb(193, 76,  
54) }
```

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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