

Converting Colors

CIELCh(48, 58.719, 35.619)

Have a look what the booklet for
CIELCh(48, 58.719, 35.619) contains.

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Color

CIELCh(48, 58.538, 35.715)

Conversions

Conversions Part 1

Format	Color
Hex	C34A3B
RGB	195, 74, 59
RGB Percent	76%, 29%, 23%
CMY	0.2356, 0.7101, 0.7689
CMYK	0.00, 0.62, 0.70, 0.24
HSL	7°, 54%, 50%
HSV	7°, 70%, 76%
XYZ	25.7165, 16.7945, 6.0155
YIQ	108.4690, 76.9310, 20.9870

Conversions

Conversions Part 2

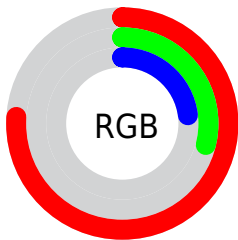
Format	Color
RYB	195, 76, 59
Decimal	12798523
CIELab	48.00, 47.53, 34.17
CIElCh	48, 58.538, 35.715
Yxy	16.7945, 0.5299, 0.3461
Android (android.graphics.Color)	4290988603 (0xFFC34A3B)
YUV	108.4690, -24.3882, 75.8877
Hunter-Lab	40.9810, 40.2958, 19.9837

Details

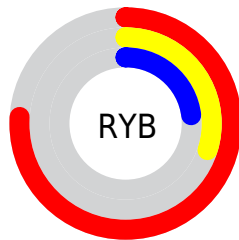
The CIELCh color **48, 58.538, 35.715** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **68, 32.924, 211.734**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 57.778, 35.537**, and **28, 58.523, 35.836** is the 20% darker color. If you saturate the color by 10%, you get **45, 68.199, 37.779**, and if you desaturate by 10%, it is **51, 48.747, 33.943**.

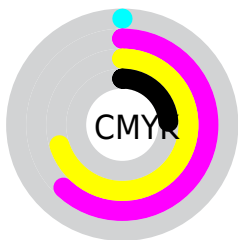
Distribution



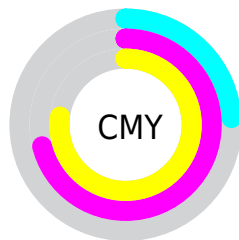
- Red (76%)
- Green (29%)
- Blue (23%)



- Red (76%)
- Yellow (30%)
- Blue (23%)



- Cyan (0%)
- Magenta (62%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 58.538, 35.715 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, 58.538, 35.715 by changing the saturation by 10% instead.

■ 48, 58.538, 35.715

■ 48, 58.538, 35.715

■ 100, 58.538,
35.715

■ 38, 58.538, 35.715

■ 68, 58.538, 35.715

■ 28, 58.538, 35.715

■ 78, 58.538, 35.715

■ 18, 58.538, 35.715

■ 88, 58.538, 35.715

■ 8, 58.538, 35.715

■ 98, 58.538, 35.715

■ 0, 58.538, 35.715

■ 48, 58.538, 35.715

■ 48, 58.538, 35.715

■ 45, 68.199, 37.779

■ 51, 48.747, 33.943

■ 43, 76.911, 39.756

■ 55, 39.224, 32.541

41, 83.541, 41.244

60, 30.171, 31.487

41, 83.695, 41.295

64, 21.692, 30.721

69, 13.821, 30.178

74, 6.551, 29.784

79, 0.154, 213.192

84, 6.342, 209.623

89, 12.068,
209.543

Harmonies

Complementary

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



48, 58.538, 35.715



68, 32.924, 211.734

Rectangle

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



48, 58.538, 35.715



48, 58.538, 85.715



48, 58.538, 215.715



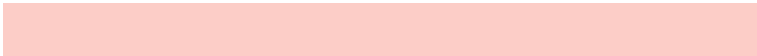
48, 58.538, 265.715

Sweetspot

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



48, 58.536, 35.718



86, 18.237, 30.251



50, 76.116, 331.214



45, 12.590, 30.392



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 58.536, 35.718



57, 88.959, 38.929



62, 51.701, 75.751



38, 3.780, 29.769



34, 72.108, 41.374



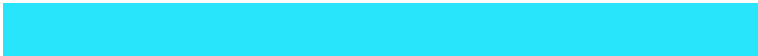
4, 13.049, 25.891

Inverse Universe

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



68, 32.924, 211.734



84, 43.030, 213.730



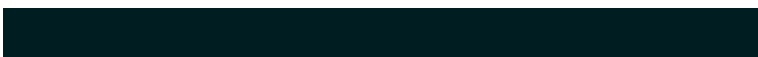
48, 48.846, 280.961



40, 3.560, 209.622



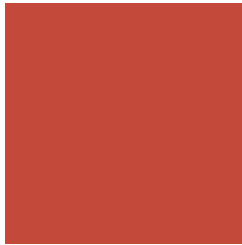
54, 31.390, 216.046



9, 11.049, 211.512

Previews

White Background



This preview shows how the CIELCh color 48, 58.538, 35.715 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, 58.538, 35.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

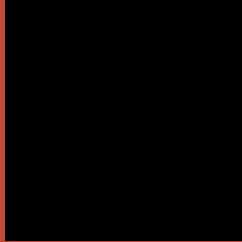
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 58.538, 35.715

Background



This preview shows how black text looks on a background with the CIELCh color 48, 58.538, 35.715.



This preview shows how white text looks on a background with the CIELCh color 48, 58.538, 35.715.

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, 58.538, 35.715

Protanopia

48, 24.780, 96.185

Deuteranopia

48, 36.801, 79.956



Tritanopia
48, 55.435, 26.105

Trichromacy



Original Color
48, 58.538, 35.715

Protanomaly
47, 31.036, 57.784

Deuteranomaly
47, 40.975, 56.563

Tritanomaly
48, 56.409, 29.797

Monochromacy



Original Color
48, 58.538, 35.715

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.130, 31.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 58.538, 35.715 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(195, 74, 59)` looks like.

```
.text, #text, p{  
    color:rgb(195, 74, 59)  
}
```

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(195, 74, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 74, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 58.538, 35.715 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(195, 74, 59) }
```

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

```
.border{ border-color:rgb(195, 74, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 74, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 74, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 74, 59);  
box-shadow:4px 4px 4px 4px rgb(195, 74,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 58.538, 35.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 74, 59) }
```

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

```
.background{ background-color: rgb(195, 74,  
59) }
```

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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