

Converting Colors

CIELCh(48, 62.367, 28.390)

Have a look what the booklet for
CIELCh(48, 62.367, 28.390) contains.

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Color

CIELCh(48, 62.446, 28.496)

Conversions

Conversions Part 1

Format	Color
Hex	CB4043
RGB	203, 64, 67
RGB Percent	80%, 25%, 26%
CMY	0.2035, 0.7486, 0.7370
CMYK	0.00, 0.68, 0.67, 0.20
HSL	359°, 57%, 52%
HSV	359°, 68%, 80%
XYZ	27.5106, 16.7945, 7.1138
YIQ	105.9030, 81.8810, 30.4010

Conversions

Conversions Part 2

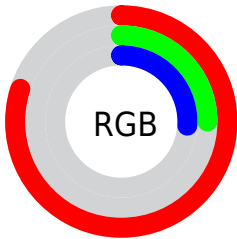
Format	Color
RYB	203, 64, 67
Decimal	13320259
CIELab	48.00, 54.88, 29.79
CIElCh	48, 62.446, 28.496
Yxy	16.7945, 0.5350, 0.3266
Android (android.graphics.Color)	4291510339 (0xFFCB4043)
YUV	105.9030, -19.1792, 85.1541
Hunter-Lab	40.9810, 48.1102, 18.3948

Details

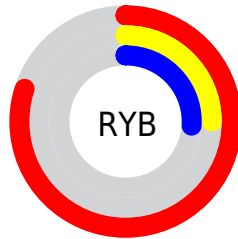
The CIELCh color **48, 62.446, 28.496** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **75, 37.997, 194.207**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 57.977, 28.452**, and **29, 60.646, 30.463** is the 20% darker color. If you saturate the color by 10%, you get **45, 71.888, 32.025**, and if you desaturate by 10%, it is **52, 52.530, 25.568**.

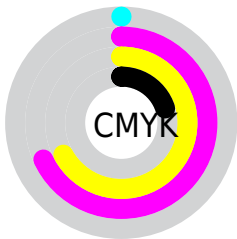
Distribution



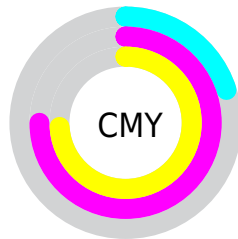
- Red (80%)
- Green (25%)
- Blue (26%)



- Red (80%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (75%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 62.446, 28.496 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, 62.446, 28.496 by changing the saturation by 10% instead.

 48, 62.446, 28.496

 48, 62.446, 28.496

 100, 62.446,
28.496

 38, 62.446, 28.496

 68, 62.446, 28.496

 28, 62.446, 28.496

 78, 62.446, 28.496

 18, 62.446, 28.496

 88, 62.446, 28.496

 8, 62.446, 28.496

 98, 62.446, 28.496

 0, 62.446, 28.496

 48, 62.446, 28.496

 48, 62.446, 28.496

 45, 71.888, 32.025

 52, 52.530, 25.568

 43, 80.256, 35.804

 56, 42.538, 23.254

42, 86.341, 38.841

61, 32.766, 21.462

42, 87.165, 39.223

66, 23.428, 20.077

71, 14.641, 18.996

77, 6.451, 18.112

83, 1.148, 198.021

88, 8.192, 197.074

94, 14.730,
196.613

Harmonies

Complementary

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



48, 62.446, 28.496



75, 37.997, 194.207

Rectangle

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



48, 62.446, 28.496



48, 62.446, 78.496



48, 62.446, 208.496



48, 62.446, 258.496

Sweetspot

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



48, 62.443, 28.499



86, 20.273, 19.278



52, 82.832, 326.649



44, 13.864, 19.574



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, 62.443, 28.499



56, 90.182, 33.794



61, 51.393, 63.603



40, 4.368, 18.193



34, 74.677, 38.956



4, 17.918, 18.350

Inverse Universe

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



48, 62.443, 28.499



56, 90.182, 33.794



56, 40.302, 267.058



40, 4.368, 18.193



34, 74.677, 38.956



4, 17.918, 18.350

Previews

White Background



This preview shows how the CIELCh color 48, 62.446, 28.496 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, 62.446, 28.496 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, 62.446, 28.496

Background



This preview shows how black text looks on a background with the CIELCh color 48, 62.446, 28.496.



This preview shows how white text looks on a background with the CIELCh color 48, 62.446, 28.496.

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





Tritanopia
48, 62.446, 28.496

Trichromacy



Original Color
48, 62.446, 28.496

Protanomaly
46, 28.294, 42.688

Deuteranomaly
47, 39.479, 48.612

Tritanomaly
48, 62.446, 28.496

Monochromacy



Original Color
48, 62.446, 28.496

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 22.162, 20.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 62.446, 28.496 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(203, 64, 67)` looks like.

```
.text, #text, p{  
    color:rgb(203, 64, 67)  
}
```

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(203, 64, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 64, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 62.446, 28.496 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(203, 64, 67) }
```

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

```
.border{ border-color:rgb(203, 64, 67) }
```

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

Here you see how a box with a 4 pixel rgb(203, 64, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 64, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 64, 67);  
box-shadow:4px 4px 4px 4px rgb(203, 64,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 62.446, 28.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 64, 67) }
```

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

```
.background{ background-color: rgb(203, 64,  
67) }
```

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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