

Converting Colors

CIELCh(47, 67.252, 30.358)

Have a look what the booklet for
CIELCh(47, 67.252, 30.358) contains.

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Color

CIELCh(47, 67.335, 30.466)

Conversions

Conversions Part 1

Format	Color
Hex	CD383A
RGB	205, 56, 58
RGB Percent	80%, 22%, 23%
CMY	0.1976, 0.7818, 0.7736
CMYK	0.00, 0.73, 0.72, 0.20
HSL	359°, 60%, 51%
HSV	359°, 73%, 80%
XYZ	27.2239, 16.0195, 5.6233
YIQ	100.7790, 88.1620, 32.2100

Conversions

Conversions Part 2

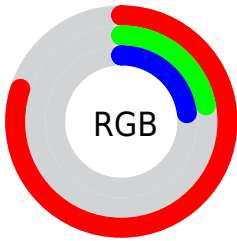
Format	Color
RYB	205, 56, 58
Decimal	13449274
CIELab	47.00, 58.04, 34.14
CIELCh	47, 67.335, 30.466
Yxy	16.0195, 0.5571, 0.3278
Android (android.graphics.Color)	4291639354 (0xFFCD383A)
YUV	100.7790, -21.0900, 91.4018
Hunter-Lab	40.0243, 51.3701, 19.6870

Details

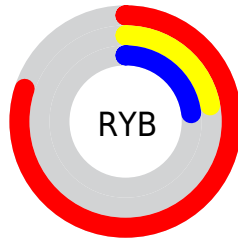
The CIELCh color **47, 67.335, 30.466** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **75, 39.240, 194.927**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.810, 29.888**, and **29, 63.275, 34.195** is the 20% darker color. If you saturate the color by 10%, you get **45, 76.528, 34.127**, and if you desaturate by 10%, it is **50, 57.431, 27.287**.

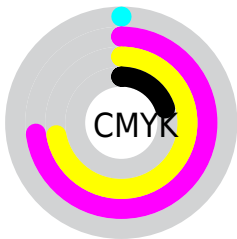
Distribution



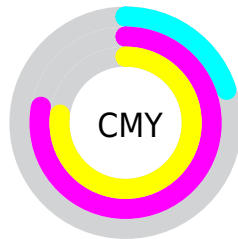
- Red (80%)
- Green (22%)
- Blue (23%)



- Red (80%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (78%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 67.335, 30.466 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 47, 67.335, 30.466 by changing the saturation by 10% instead.

 47, 67.335, 30.466

 47, 67.335, 30.466

 100, 67.335,
30.466

 37, 67.335, 30.466

 67, 67.335, 30.466

 27, 67.335, 30.466

 77, 67.335, 30.466

 17, 67.335, 30.466

 87, 67.335, 30.466

 7, 67.335, 30.466

 97, 67.335, 30.466

 0, 67.335, 30.466

 47, 67.335, 30.466

 47, 67.335, 30.466

 45, 76.528, 34.127

 50, 57.431, 27.287

 43, 84.094, 37.640

 54, 47.302, 24.727

43, 87.971, 39.491

59, 37.290, 22.735

64, 27.649, 21.200

69, 18.535, 20.013

75, 10.020, 19.075

81, 2.115, 18.152

86, 5.205, 197.958

92, 11.990,
197.443

Harmonies

Complementary

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



47, 67.335, 30.466



75, 39.240, 194.927

Rectangle

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



47, 67.335, 30.466



47, 67.335, 80.466



47, 67.335, 210.466



47, 67.335, 260.466

Sweetspot

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



47, 67.332, 30.468



85, 21.331, 19.958



52, 86.853, 327.297



43, 14.481, 20.252



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 67.332, 30.468



55, 95.431, 36.078



60, 55.289, 64.543



40, 4.368, 18.791



34, 74.977, 39.257



4, 17.915, 18.714

Inverse Universe

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



47, 67.332, 30.468



55, 95.431, 36.078



54, 44.020, 270.716



40, 4.368, 18.791



34, 74.977, 39.257



4, 17.915, 18.714

Previews

White Background



This preview shows how the CIELCh color 47, 67.335, 30.466 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 47, 67.335, 30.466 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 47, 67.335, 30.466

Background



This preview shows how black text looks on a background with the CIELCh color 47, 67.335, 30.466.



This preview shows how white text looks on a background with the CIELCh color 47, 67.335, 30.466.

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

47, 67.335, 30.466

Protanopia

47, 20.868, 96.030

Deuteranopia

47, 37.147, 80.735



Tritanopia
47, 67.335, 30.466

Trichromacy



Original Color
47, 67.335, 30.466

Protanomaly
45, 31.526, 46.341

Deuteranomaly
46, 43.889, 50.867

Tritanomaly
47, 67.335, 30.466

Monochromacy



Original Color
47, 67.335, 30.466

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 24.317, 21.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 67.335, 30.466 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(205, 56, 58)` looks like.

```
.text, #text, p{  
    color:rgb(205, 56, 58)  
}
```

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(205, 56, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 56, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 67.335, 30.466 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(205, 56, 58) }
```

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

```
.border{ border-color:rgb(205, 56, 58) }
```

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

Here you see how a box with a 4 pixel rgb(205, 56, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 56, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 56, 58);  
box-shadow:4px 4px 4px 4px rgb(205, 56,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 67.335, 30.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 56, 58) }
```

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

```
.background{ background-color: rgb(205, 56,  
58) }
```

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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