

Converting Colors

CIELCh(47, 64.416, 30.358)

Have a look what the booklet for
CIELCh(47, 64.416, 30.358) contains.

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Color

CIELCh(47, 64.284, 30.451)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C93C3C |
| RGB | 201, 60, 60 |
| RGB Percent | 79%, 24%, 24% |
| CMY | 0.2111, 0.7640, 0.7642 |
| CMYK | 0.00, 0.70, 0.70, 0.21 |
| HSL | 0°, 57%, 51% |
| HSV | 0°, 70%, 79% |
| XYZ | 26.5795, 16.0195, 5.9844 |
| YIQ | 102.1590, 84.0360, 29.8920 |

Conversions

Conversions Part 2

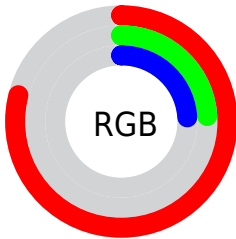
| Format | Color |
|-------------------------------------|---|
| RYB | 201, 60, 60 |
| Decimal | 13188156 |
| CIELab | 47.00, 55.42, 32.58 |
| CIELCh | 47, 64.284, 30.451 |
| Yxy | 16.0195, 0.5471, 0.3297 |
| Android (android.graphics.Color) | 4291378236 (0xFFC93C3C) |
| YUV | 102.1590, -20.7844, 86.6836 |
| Hunter-Lab | 40.0243, 48.4963, 19.1520 |

Details

The CIELCh color **47, 64.284, 30.451** 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 **74, 37.744, 196.711**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 60.536, 30.165**, and **28, 61.483, 33.440** is the 20% darker color. If you saturate the color by 10%, you get **44, 73.749, 33.918**, and if you desaturate by 10%, it is **50, 54.266, 27.498**.

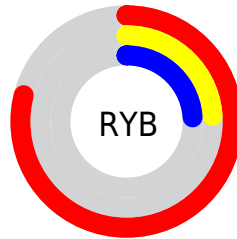
Distribution



Red (79%)

Green (24%)

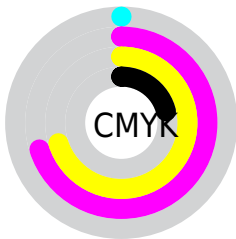
Blue (24%)



Red (79%)

Yellow (24%)

Blue (24%)

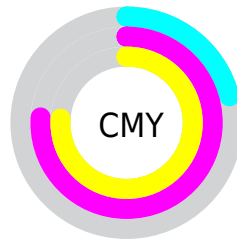


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 64.284, 30.451 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, 64.284, 30.451 by changing the saturation by 10% instead.

 47, 64.284, 30.451

 47, 64.284, 30.451

 100, 64.284,
30.451

 37, 64.284, 30.451

 67, 64.284, 30.451

 27, 64.284, 30.451

 77, 64.284, 30.451

 17, 64.284, 30.451

 87, 64.284, 30.451

 7, 64.284, 30.451

 97, 64.284, 30.451

 0, 64.284, 30.451

 47, 64.284, 30.451

 47, 64.284, 30.451

 44, 73.749, 33.918

 50, 54.266, 27.498

 43, 81.820, 37.375

 55, 44.156, 25.146

42, 87.469, 40.003

59, 34.273, 23.327

64, 24.835, 21.934

70, 15.968, 20.860

75, 7.719, 20.007

81, 0.083, 12.715

87, 6.980, 199.027

92, 13.520,
198.594

Harmonies

Complementary

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



47, 64.284, 30.451



74, 37.744, 196.711

Rectangle

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



47, 64.284, 30.451



47, 64.284, 80.451



47, 64.284, 210.451



47, 64.284, 260.451

Sweetspot

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



47, 64.281, 30.454



86, 20.306, 20.974



52, 83.769, 327.768



44, 13.893, 21.256



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, 64.281, 30.454



55, 93.363, 35.727



61, 52.367, 66.482



39, 4.277, 19.949



34, 74.640, 39.781



3, 15.881, 19.422

Inverse Universe

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



74, 37.744, 196.711



91, 48.658, 196.513



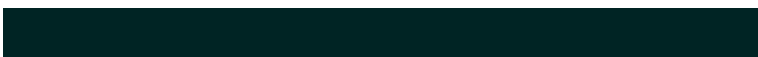
53, 43.019, 271.508



41, 4.033, 199.007



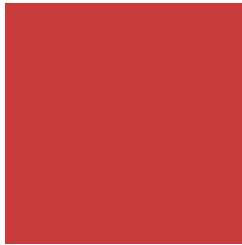
61, 35.872, 196.436



12, 12.979, 196.425

Previews

White Background



This preview shows how the CIELCh color 47, 64.284, 30.451 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, 64.284, 30.451 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, 64.284, 30.451

Background



This preview shows how black text looks on a background with the CIELCh color 47, 64.284, 30.451.



This preview shows how white text looks on a background with the CIELCh color 47, 64.284, 30.451.

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, 64.284, 30.451

Protanopia

47, 19.739, 95.592

Deuteranopia

47, 35.689, 79.990



Tritanopia
47, 63.567, 29.055

Trichromacy



Original Color
47, 64.284, 30.451

Protanomaly
45, 30.236, 46.119

Deuteranomaly
46, 42.047, 51.171

Tritanomaly
47, 63.802, 29.525

Monochromacy



Original Color
47, 64.284, 30.451

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 22.893, 22.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 64.284, 30.451 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(201, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(201, 60, 60)  
}
```

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(201, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 60, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 64.284, 30.451 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(201, 60, 60) }
```

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

```
.border{ border-color:rgb(201, 60, 60) }
```

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

Here you see how a box with a 4 pixel rgb(201, 60, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(201, 60,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 64.284, 30.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 60, 60) }
```

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

```
.background{ background-color: rgb(201, 60,  
60) }
```

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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