

Converting Colors

CIELCh(49, 51.540, 27.133)

Have a look what the booklet for
CIELCh(49, 51.540, 27.133) contains.

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Color

CIELCh(49, 51.864, 27.226)

Conversions

Conversions Part 1

Format	Color
Hex	C24F4F
RGB	194, 79, 79
RGB Percent	76%, 31%, 31%
CMY	0.2397, 0.6906, 0.6906
CMYK	0.00, 0.59, 0.59, 0.24
HSL	360°, 48%, 53%
HSV	360°, 59%, 76%
XYZ	26.4144, 17.5941, 9.3834
YIQ	113.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

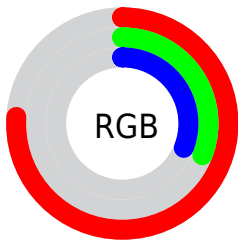
Format	Color
R_{YB}	194, 79, 79
Decimal	12734287
CIE Lab	49.00, 46.12, 23.73
CIE LCh	49, 51.864, 27.226
Yxy	17.5941, 0.4947, 0.3295
Android (android.graphics.Color)	4290924367 (0xFFC24F4F)
YUV	113.3850, -16.9518, 70.6994
Hunter-Lab	41.9453, 39.0035, 16.0982

Details

The CIELCh color **49, 51.864, 27.226** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **72, 33.385, 196.908**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 51.972, 27.170**, and **29, 51.873, 27.052** is the 20% darker color. If you saturate the color by 10%, you get **46, 61.605, 30.122**, and if you desaturate by 10%, it is **53, 42.060, 24.934**.

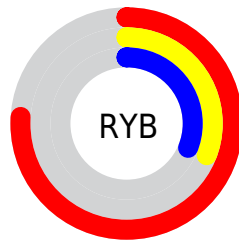
Distribution



Red (76%)

Green (31%)

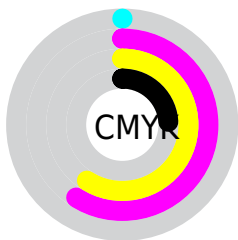
Blue (31%)



Red (76%)

Yellow (31%)

Blue (31%)

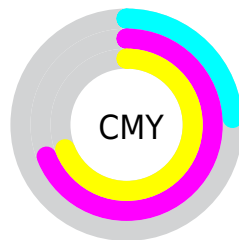


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (24%)



Cyan (24%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 51.864, 27.226 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 49, 51.864, 27.226 by changing the saturation by 10% instead.

■ 49, 51.864, 27.226

■ 49, 51.864, 27.226

■ 100, 51.864,
27.226

■ 39, 51.864, 27.226

■ 69, 51.864, 27.226

■ 29, 51.864, 27.226

■ 79, 51.864, 27.226

■ 19, 51.864, 27.226

■ 89, 51.864, 27.226

■ 9, 51.864, 27.226

■ 99, 51.864, 27.226

■ 0, 51.864, 27.226

■ 49, 51.864, 27.226

■ 49, 51.864, 27.226

■ 46, 61.605, 30.122

■ 53, 42.060, 24.934

■ 43, 70.869, 33.545

■ 58, 32.499, 23.161

41, 78.897, 37.043

63, 23.385, 21.802

40, 84.675, 39.796

68, 14.829, 20.752

40, 85.091, 39.999

73, 6.872, 19.912

79, 0.494, 200.461

84, 7.307, 198.955

90, 13.618,
198.534

96, 19.483,
198.211

Harmonies

Complementary

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



49, 51.864, 27.226



72, 33.385, 196.908

Rectangle

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



49, 51.864, 27.226



49, 51.864, 77.226



49, 51.864, 207.226



49, 51.864, 257.226

Sweetspot

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



49, 51.861, 27.229



87, 17.066, 20.659



53, 71.810, 326.889



45, 12.094, 20.937



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 51.861, 27.229



58, 78.415, 31.046



61, 42.187, 66.372



38, 4.187, 19.917



33, 73.726, 39.722



3, 13.999, 19.403

Inverse Universe

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



49, 51.861, 27.229



58, 78.415, 31.046



56, 34.831, 265.753



38, 4.187, 19.917



33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 49, 51.864, 27.226 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 49, 51.864, 27.226 looks on a black 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

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

CIELCh 49, 51.864, 27.226

Background



This preview shows how black text looks on a background with the CIELCh color 49, 51.864, 27.226.



This preview shows how white text looks on a background with the CIELCh color 49, 51.864, 27.226.

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

49, 51.864, 27.226

Protanopia

49, 13.180, 95.118

Deuteranopia

49, 26.675, 76.717



Tritanopia
49, 51.458, 24.345

Trichromacy



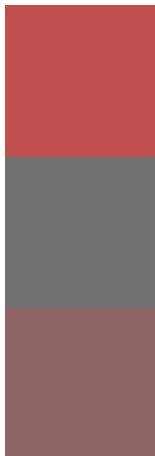
Original Color
49, 51.864, 27.226

Protanomaly
48, 22.621, 42.626

Deuteranomaly
48, 32.404, 48.453

Tritanomaly
49, 51.627, 24.958

Monochromacy



Original Color
49, 51.864, 27.226

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 17.799, 21.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 51.864, 27.226 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(194, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(194, 79, 79)  
}
```

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(194, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 79, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 51.864, 27.226 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(194, 79, 79) }
```

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

```
.border{ border-color:rgb(194, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(194, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(194, 79,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 51.864, 27.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 79, 79) }
```

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

```
.background{ background-color: rgb(194, 79,  
79) }
```

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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