

Converting Colors

CIELCh(48, 50.746, 27.172)

Have a look what the booklet for
CIELCh(48, 50.746, 27.172) contains.

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Color

CIELCh(48, 51.172, 27.254)

Conversions

Conversions Part 1

Format	Color
Hex	BE4D4D
RGB	190, 77, 77
RGB Percent	75%, 30%, 30%
CMY	0.2548, 0.6980, 0.6980
CMYK	0.00, 0.59, 0.59, 0.25
HSL	0°, 47%, 52%
HSV	0°, 59%, 75%
XYZ	25.2334, 16.7945, 8.9351
YIQ	110.7870, 67.3480, 23.9560

Conversions

Conversions Part 2

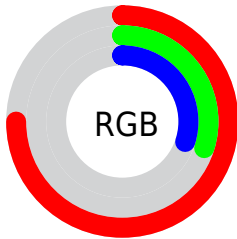
Format	Color
RYB	190, 77, 77
Decimal	12471629
CIELab	48.00, 45.49, 23.43
CIElCh	48, 51.172, 27.254
Yxy	16.7945, 0.4951, 0.3295
Android (android.graphics.Color)	4290661709 (0xFFBE4D4D)
YUV	110.7870, -16.6570, 69.4698
Hunter-Lab	40.9810, 38.1918, 15.7597

Details

The CIELCh color **48, 51.172, 27.254** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 32.914, 196.917**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 51.280, 27.194**, and **28, 51.125, 27.234** is the 20% darker color. If you saturate the color by 10%, you get **45, 60.753, 30.150**, and if you desaturate by 10%, it is **52, 41.526, 24.960**.

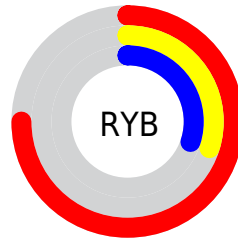
Distribution



Red (75%)

Green (30%)

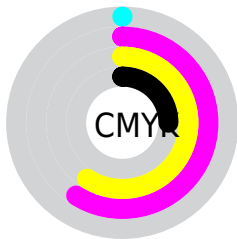
Blue (30%)



Red (75%)

Yellow (30%)

Blue (30%)

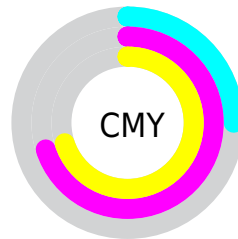


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (70%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 51.172, 27.254 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, 51.172, 27.254 by changing the saturation by 10% instead.

 48, 51.172, 27.254


 48, 51.172, 27.254


 100, 51.172,
27.254


 38, 51.172, 27.254

 68, 51.172, 27.254


 28, 51.172, 27.254

 78, 51.172, 27.254


 18, 51.172, 27.254


 88, 51.172, 27.254

 8, 51.172, 27.254

 98, 51.172, 27.254

 0, 51.172, 27.254

 48, 51.172, 27.254

 48, 51.172, 27.254

 45, 60.753, 30.150

 52, 41.526, 24.960

 42, 69.862, 33.570

 57, 32.117, 23.185

■ 40, 77.751, 37.060

■ 61, 23.145, 21.824

■ 40, 83.502, 39.842

■ 67, 14.721, 20.773

■ 39, 83.823, 40.001

■ 72, 6.886, 19.932

■ 77, 0.369, 200.825

■ 83, 7.080, 198.973

■ 88, 13.298,
198.550

■ 94, 19.074,
198.226

Harmonies

Complementary

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



48, 51.172, 27.254



71, 32.914, 196.917

Rectangle

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



48, 51.172, 27.254



48, 51.172, 77.254



48, 51.172, 207.254



48, 51.172, 257.254

Sweetspot

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



48, 51.170, 27.257



85, 16.783, 20.665



52, 70.981, 327.408



44, 11.893, 20.941



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



48, 51.170, 27.257



57, 77.123, 31.024



60, 41.731, 67.976



37, 4.096, 19.923



32, 72.802, 39.665



3, 12.251, 19.408

Inverse Universe

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



71, 32.914, 196.917



89, 44.635, 196.649



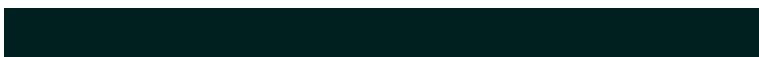
54, 35.149, 267.674



39, 3.863, 198.988



59, 35.057, 196.396



9, 11.662, 196.746

Previews

White Background



This preview shows how the CIELCh color 48, 51.172, 27.254 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, 51.172, 27.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

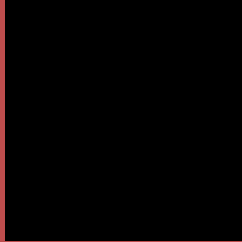
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 51.172, 27.254

Background



This preview shows how black text looks on a background with the CIELCh color 48, 51.172, 27.254.

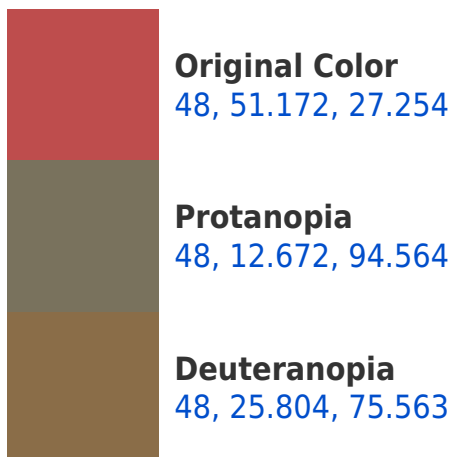


This preview shows how white text looks on a background with the CIELCh color 48, 51.172, 27.254.

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, 50.763, 24.324

Trichromacy



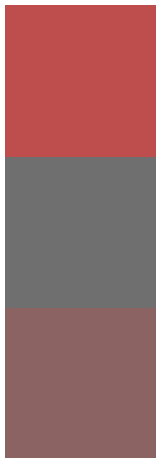
Original Color
48, 51.172, 27.254

Protanomaly
47, 22.289, 43.016

Deuteranomaly
47, 31.927, 46.854

Tritanomaly
48, 50.933, 24.948

Monochromacy



Original Color
48, 51.172, 27.254

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 17.869, 21.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 51.172, 27.254 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(190, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(190, 77, 77)  
}
```

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(190, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 77, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 51.172, 27.254 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(190, 77, 77) }
```

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

```
.border{ border-color:rgb(190, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(190, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(190, 77,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 51.172, 27.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 77, 77) }
```

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

```
.background{ background-color: rgb(190, 77,  
77) }
```

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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