

Converting Colors

CIELCh(49, 56.606, 26.252)

Have a look what the booklet for
CIELCh(49, 56.606, 26.252) contains.

CIELCh(49, 56.606, 26.252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(49, 56.606, 26.252)

Conversions

Conversions Part 1

Format	Color
Hex	C8494D
RGB	200, 73, 77
RGB Percent	78%, 29%, 30%
CMY	0.2155, 0.7135, 0.6979
CMYK	0.00, 0.63, 0.61, 0.22
HSL	358°, 54%, 54%
HSV	358°, 63%, 78%
XYZ	27.5598, 17.5941, 8.9721
YIQ	111.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

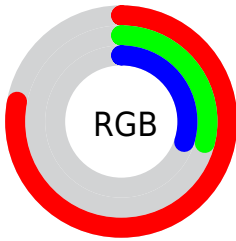
Format	Color
R_{YB}	200, 73, 77
Decimal	13125965
CIE _{Lab}	49.00, 50.77, 25.04
CIE _{LCh}	49, 56.606, 26.252
Yxy	17.5941, 0.5092, 0.3251
Android (android.graphics.Color)	4291316045 (0xFFC8494D)
YUV	111.4290, -16.9735, 77.6768
Hunter-Lab	41.9453, 43.8777, 16.6796

Details

The CIELCh color **49, 56.606, 26.252** 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 **74, 36.201, 193.292**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 53.900, 25.842**, and **29, 56.619, 26.292** is the 20% darker color. If you saturate the color by 10%, you get **46, 66.111, 29.530**, and if you desaturate by 10%, it is **53, 46.822, 23.620**.

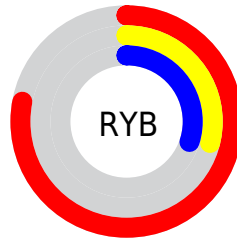
Distribution



Red (78%)

Green (29%)

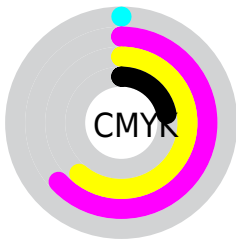
Blue (30%)



Red (78%)

Yellow (29%)

Blue (30%)

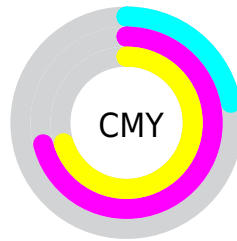


Cyan (0%)

Magenta (63%)

Yellow (61%)

Black (22%)



Cyan (22%)

Magenta (71%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 56.606, 26.252 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, 56.606, 26.252 by changing the saturation by 10% instead.

 49, 56.606, 26.252

 49, 56.606, 26.252

 100, 56.606,
26.252

 39, 56.606, 26.252

 69, 56.606, 26.252

 29, 56.606, 26.252

 79, 56.606, 26.252

 19, 56.606, 26.252

 89, 56.606, 26.252

 9, 56.606, 26.252

 99, 56.606, 26.252

 0, 56.606, 26.252

 49, 56.606, 26.252

 49, 56.606, 26.252

 46, 66.111, 29.530

 53, 46.822, 23.620

 44, 74.919, 33.324

 57, 37.097, 21.563

42, 82.254, 37.068

62, 27.686, 19.970

42, 85.756, 38.850

68, 18.752, 18.728

73, 10.378, 17.740

79, 2.583, 16.816

84, 4.653, 196.532

90, 11.370,
195.962

96, 17.619,
195.532

Harmonies

Complementary

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



49, 56.606, 26.252



74, 36.201, 193.292

Rectangle

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



49, 56.606, 26.252



49, 56.606, 76.252



49, 56.606, 206.252



49, 56.606, 256.252

Sweetspot

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



49, 56.603, 26.255



87, 18.195, 18.287



53, 77.501, 326.510



45, 12.656, 18.586



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, 56.603, 26.255



57, 83.313, 30.855



61, 46.665, 64.231



39, 4.279, 17.381



34, 73.386, 38.500



3, 15.897, 17.776

Inverse Universe

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



49, 56.603, 26.255



57, 83.313, 30.855



57, 37.184, 265.237



39, 4.279, 17.381



34, 73.386, 38.500



3, 15.897, 17.776

Previews

White Background



This preview shows how the CIELCh color 49, 56.606, 26.252 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, 56.606, 26.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

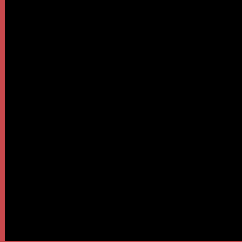
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 56.606, 26.252

Background



This preview shows how black text looks on a background with the CIELCh color 49, 56.606, 26.252.



This preview shows how white text looks on a background with the CIELCh color 49, 56.606, 26.252.

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, 56.606, 26.252

Protanopia

49, 12.614, 94.624

Deuteranopia

49, 27.942, 76.837

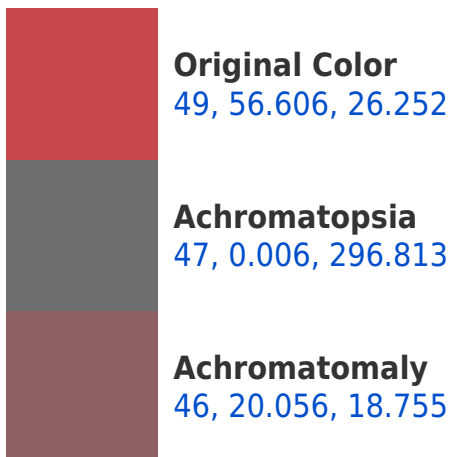


Tritanopia
49, 56.606, 26.252

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 56.606, 26.252 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(200, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(200, 73, 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(200, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 73, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 56.606, 26.252 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(200, 73, 77) }
```

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

```
.border{ border-color:rgb(200, 73, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 73, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(200, 73,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 56.606, 26.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 73, 77) }
```

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

```
.background{ background-color: rgb(200, 73,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor