

Converting Colors

CIELCh(49, 52.651, 23.207)

Have a look what the booklet for
CIELCh(49, 52.651, 23.207) contains.

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Color

CIELCh(49, 52.787, 23.061)

Conversions

Conversions Part 1

Format	Color
Hex	C44C54
RGB	196, 76, 84
RGB Percent	77%, 30%, 33%
CMY	0.2307, 0.7013, 0.6700
CMYK	0.00, 0.61, 0.57, 0.23
HSL	356°, 50%, 53%
HSV	356°, 61%, 77%
XYZ	27.0141, 17.5941, 10.3894
YIQ	112.7920, 68.9520, 27.9280

Conversions

Conversions Part 2

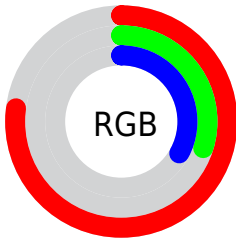
Format	Color
RYB	196, 76, 84
Decimal	12864596
CIELab	49.00, 48.57, 20.68
CIElCh	49, 52.787, 23.061
Yxy	17.5941, 0.4912, 0.3199
Android (android.graphics.Color)	4291054676 (0xFFC44C54)
YUV	112.7920, -14.1945, 72.9734
Hunter-Lab	41.9453, 41.5555, 14.6762

Details

The CIELCh color **49, 52.787, 23.061** 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 **73, 35.555, 189.669**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 51.909, 23.321**, and **29, 53.052, 23.242** is the 20% darker color. If you saturate the color by 10%, you get **46, 61.874, 26.271**, and if you desaturate by 10%, it is **53, 43.432, 20.516**.

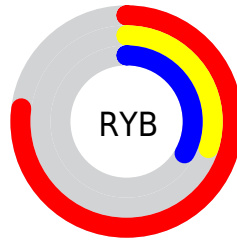
Distribution



Red (77%)

Green (30%)

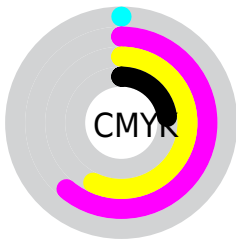
Blue (33%)



Red (77%)

Yellow (30%)

Blue (33%)

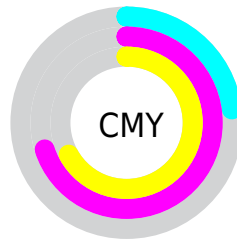


Cyan (0%)

Magenta (61%)

Yellow (57%)

Black (23%)



Cyan (23%)

Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 52.787, 23.061 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, 52.787, 23.061 by changing the saturation by 10% instead.

■ 49, 52.787, 23.061

■ 49, 52.787, 23.061

■ 100, 52.787,
23.061

■ 39, 52.787, 23.061

■ 69, 52.787, 23.061

■ 29, 52.787, 23.061

■ 79, 52.787, 23.061

■ 19, 52.787, 23.061

■ 89, 52.787, 23.061

■ 9, 52.787, 23.061

■ 99, 52.787, 23.061

■ 0, 52.787, 23.061

■ 49, 52.787, 23.061

■ 49, 52.787, 23.061

■ 46, 61.874, 26.271

■ 53, 43.432, 20.516

■ 43, 70.370, 30.136

■ 58, 34.120, 18.524

42, 77.854, 34.355

62, 25.089, 16.963

41, 83.105, 37.548

68, 16.493, 15.726

73, 8.408, 14.714

79, 0.854, 13.357

84, 6.186, 193.413

90, 12.749,
192.820

95, 18.878,
192.342

Harmonies

Complementary

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



49, 52.787, 23.061



73, 35.555, 189.669

Rectangle

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



49, 52.787, 23.061



49, 52.787, 73.061



49, 52.787, 203.061



49, 52.787, 253.061

Sweetspot

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



49, 52.784, 23.064



88, 17.177, 15.415



52, 73.862, 325.394



45, 12.057, 15.733



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, 52.784, 23.064



58, 78.540, 27.355



60, 44.032, 61.304



38, 4.197, 14.545



33, 71.156, 36.977



3, 14.039, 15.778

Inverse Universe

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



49, 52.784, 23.064



58, 78.540, 27.355



58, 33.891, 260.249



38, 4.197, 14.545



33, 71.156, 36.977



3, 14.039, 15.778

Previews

White Background



This preview shows how the CIELCh color 49, 52.787, 23.061 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, 52.787, 23.061 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, 52.787, 23.061

Background



This preview shows how black text looks on a background with the CIELCh color 49, 52.787, 23.061.



This preview shows how white text looks on a background with the CIELCh color 49, 52.787, 23.061.

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](#).

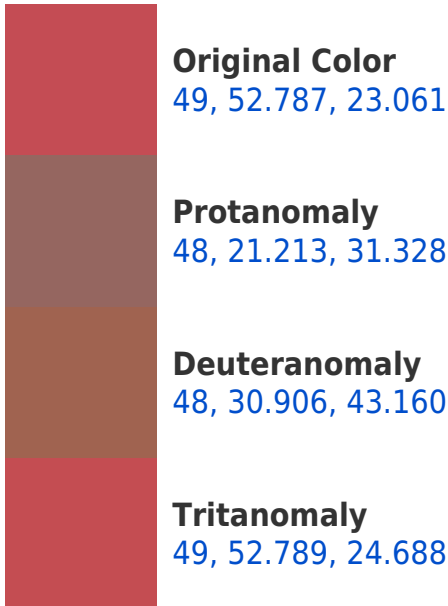
Dichromacy



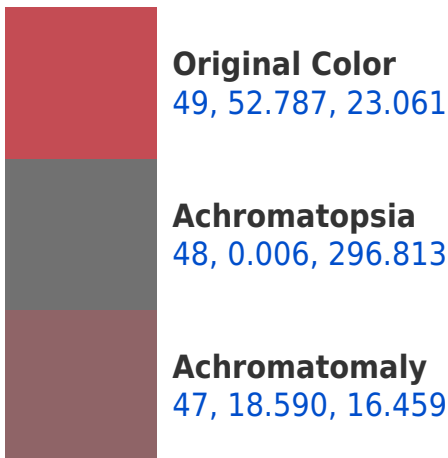


Tritanopia
49, 52.964, 25.283

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 52.787, 23.061 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(196, 76, 84)` looks like.

```
.text, #text, p{  
    color:rgb(196, 76, 84)  
}
```

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(196, 76, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 76, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 52.787, 23.061 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(196, 76, 84) }
```

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

```
.border{ border-color:rgb(196, 76, 84) }
```

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

Here you see how a box with a 4 pixel rgb(196, 76, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 76, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 76, 84);  
box-shadow:4px 4px 4px 4px rgb(196, 76,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 52.787, 23.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 76, 84) }
```

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

```
.background{ background-color: rgb(196, 76,  
84) }
```

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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