

Converting Colors

CIELCh(48, 55.550, 25.149)

Have a look what the booklet for
CIELCh(48, 55.550, 25.149) contains.

CIELCh(48, 55.550, 25.149)	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(48, 55.550, 25.149)

Conversions

Conversions Part 1

Format	Color
Hex	C4474D
RGB	196, 71, 77
RGB Percent	77%, 28%, 30%
CMY	0.2311, 0.7213, 0.6978
CMYK	0.00, 0.64, 0.61, 0.23
HSL	357°, 51%, 52%
HSV	357°, 64%, 77%
XYZ	26.3794, 16.7945, 8.8816
YIQ	109.0590, 72.5740, 28.3660

Conversions

Conversions Part 2

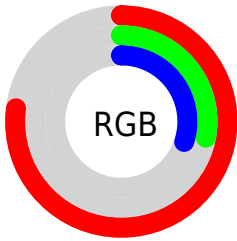
Format	Color
RYB	196, 71, 77
Decimal	12863309
CIELab	48.00, 50.28, 23.61
CIElCh	48, 55.550, 25.149
Yxy	16.7945, 0.5068, 0.3226
Android (android.graphics.Color)	4291053389 (0xFFC4474D)
YUV	109.0590, -15.8051, 76.2473
Hunter-Lab	40.9810, 43.1834, 15.8371

Details

The CIELCh color **48, 55.550, 25.149** 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, 36.055, 191.478**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 54.555, 24.916**, and **28, 55.456, 25.202** is the 20% darker color. If you saturate the color by 10%, you get **45, 64.713, 28.487**, and if you desaturate by 10%, it is **52, 46.074, 22.474**.

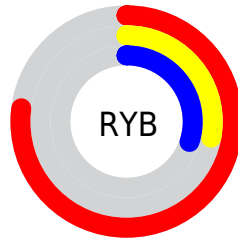
Distribution



Red (77%)

Green (28%)

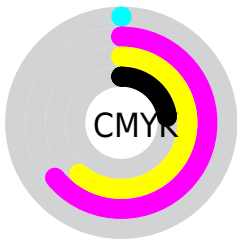
Blue (30%)



Red (77%)

Yellow (28%)

Blue (30%)

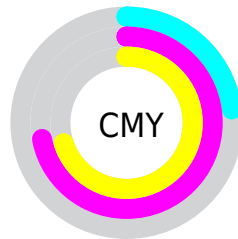


Cyan (0%)

Magenta (64%)

Yellow (61%)

Black (23%)



Cyan (23%)

Magenta (72%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 55.550, 25.149 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, 55.550, 25.149 by changing the saturation by 10% instead.

 48, 55.550, 25.149

 48, 55.550, 25.149

 100, 55.550,
25.149

 38, 55.550, 25.149

 68, 55.550, 25.149

 28, 55.550, 25.149

 78, 55.550, 25.149

 18, 55.550, 25.149

 88, 55.550, 25.149

 8, 55.550, 25.149

 98, 55.550, 25.149

 0, 55.550, 25.149

 48, 55.550, 25.149

 48, 55.550, 25.149

 45, 64.713, 28.487

 52, 46.074, 22.474

 43, 73.196, 32.387

 56, 36.612, 20.379

41, 80.369, 36.353

61, 27.418, 18.748

41, 83.796, 38.234

66, 18.661, 17.469

72, 10.428, 16.443

77, 2.746, 15.496

83, 4.401, 195.162

88, 11.047,
194.552

94, 17.240,
194.085

Harmonies

Complementary

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



48, 55.550, 25.149



73, 36.055, 191.478

Rectangle

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



48, 55.550, 25.149



48, 55.550, 75.149



48, 55.550, 205.149



48, 55.550, 255.149

Sweetspot

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



48, 55.547, 25.152



87, 18.190, 16.986



51, 76.382, 325.991



45, 12.648, 17.296



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 55.547, 25.152



57, 83.608, 30.171



59, 46.117, 62.619



38, 4.191, 16.044



33, 71.858, 37.764



3, 14.023, 16.789

Inverse Universe

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



48, 55.547, 25.152



57, 83.608, 30.171



56, 35.900, 263.256



38, 4.191, 16.044



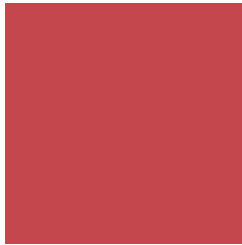
33, 71.858, 37.764



3, 14.023, 16.789

Previews

White Background



This preview shows how the CIELCh color 48, 55.550, 25.149 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, 55.550, 25.149 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, 55.550, 25.149

Background



This preview shows how black text looks on a background with the CIELCh color 48, 55.550, 25.149.

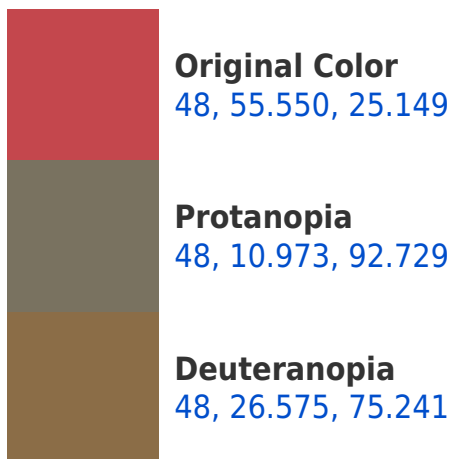


This preview shows how white text looks on a background with the CIELCh color 48, 55.550, 25.149.

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, 55.736, 25.714

Trichromacy



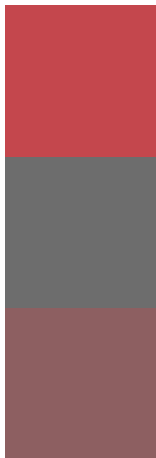
Original Color
48, 55.550, 25.149

Protanomaly
47, 23.357, 35.047

Deuteranomaly
47, 33.919, 44.640

Tritanomaly
48, 55.736, 25.714

Monochromacy



Original Color
48, 55.550, 25.149

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.134, 18.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 55.550, 25.149 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, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(196, 71, 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(196, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 71, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 55.550, 25.149 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, 71, 77) }
```

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

```
.border{ border-color:rgb(196, 71, 77) }
```

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

Here you see how a box with a 4 pixel rgb(196, 71, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(196, 71,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 55.550, 25.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 71, 77) }
```

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

```
.background{ background-color: rgb(196, 71,  
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