

Converting Colors

CIELCh(48, 55.902, 22.548)

Have a look what the booklet for
CIELCh(48, 55.902, 22.548) contains.

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Color

CIELCh(48, 55.908, 22.220)

Conversions

Conversions Part 1

Format	Color
Hex	C54551
RGB	197, 69, 81
RGB Percent	77%, 27%, 32%
CMY	0.2263, 0.7284, 0.6815
CMYK	0.00, 0.65, 0.59, 0.23
HSL	354°, 53%, 52%
HSV	354°, 65%, 77%
XYZ	26.7382, 16.7945, 9.6605
YIQ	108.6400, 72.4360, 30.8680

Conversions

Conversions Part 2

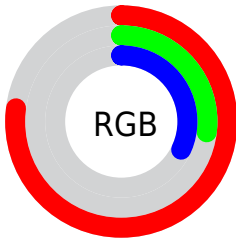
Format	Color
R_{YB}	197, 69, 81
Decimal	12928337
CIE _{Lab}	48.00, 51.76, 21.14
CIE _{LCh}	48, 55.908, 22.220
Yxy	16.7945, 0.5027, 0.3157
Android (android.graphics.Color)	4291118417 (0xFFC54551)
YUV	108.6400, -13.6265, 77.4917
Hunter-Lab	40.9810, 44.7462, 14.7102

Details

The CIELCh color **48, 55.908, 22.220** 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, 37.721, 186.577**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 54.358, 22.260**, and **28, 55.591, 22.223** is the 20% darker color. If you saturate the color by 10%, you get **45, 64.554, 25.746**, and if you desaturate by 10%, it is **52, 46.808, 19.402**.

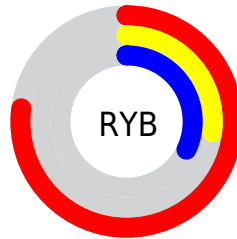
Distribution



Red (77%)

Green (27%)

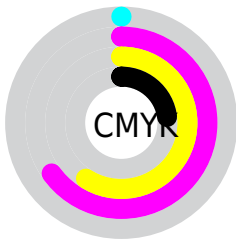
Blue (32%)



Red (77%)

Yellow (27%)

Blue (32%)

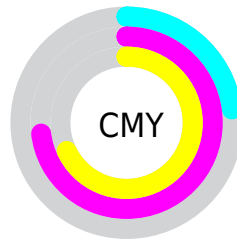


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (23%)



Cyan (23%)

Magenta (73%)

Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 55.908, 22.220 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, 55.908, 22.220 by changing the saturation by 10% instead.

 48, 55.908, 22.220

 48, 55.908, 22.220

 100, 55.908,
22.220

 38, 55.908, 22.220

 68, 55.908, 22.220

 28, 55.908, 22.220

 78, 55.908, 22.220

 18, 55.908, 22.220

 88, 55.908, 22.220

 8, 55.908, 22.220

 98, 55.908, 22.220

 0, 55.908, 22.220

 48, 55.908, 22.220

 48, 55.908, 22.220

 45, 64.554, 25.746

 52, 46.808, 19.402

 43, 72.458, 29.936

 56, 37.574, 17.186

42, 79.262, 34.413

61, 28.483, 15.444

41, 82.262, 36.375

66, 19.730, 14.058

71, 11.431, 12.932

77, 3.632, 11.929

82, 3.665, 191.470

88, 10.485,
190.744

94, 16.866,
190.184

Harmonies

Complementary

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



48, 55.908, 22.220



73, 37.721, 186.577

Rectangle

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



48, 55.908, 22.220



48, 55.908, 72.220



48, 55.908, 202.220



48, 55.908, 252.220

Sweetspot

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



48, 55.905, 22.223



87, 18.224, 13.402



50, 77.450, 324.441



45, 12.660, 13.733



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 55.905, 22.223



57, 82.564, 27.477



58, 47.538, 57.785



39, 4.304, 12.385



34, 70.941, 35.754



3, 15.960, 14.573

Inverse Universe

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



48, 55.905, 22.223



57, 82.564, 27.477



58, 34.376, 257.042



39, 4.304, 12.385



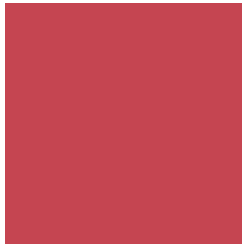
34, 70.941, 35.754



3, 15.960, 14.573

Previews

White Background



This preview shows how the CIELCh color 48, 55.908, 22.220 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, 55.908, 22.220 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, 55.908, 22.220

Background



This preview shows how black text looks on a background with the CIELCh color 48, 55.908, 22.220.

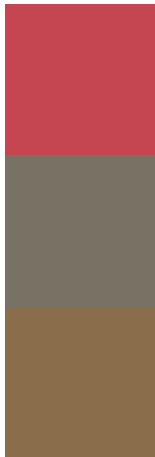


This preview shows how white text looks on a background with the CIELCh color 48, 55.908, 22.220.

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

48, 55.908, 22.220

Protanopia

48, 8.034, 90.608

Deuteranopia

48, 24.484, 75.372



Tritanopia
48, 56.640, 25.972

Trichromacy



Original Color
48, 55.908, 22.220

Protanomaly
47, 22.415, 28.163

Deuteranomaly
47, 32.657, 41.366

Tritanomaly
48, 56.267, 24.860

Monochromacy



Original Color
48, 55.908, 22.220

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.077, 15.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 55.908, 22.220 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(197, 69, 81)` looks like.

```
.text, #text, p{  
    color:rgb(197, 69, 81)  
}
```

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(197, 69, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 69, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 55.908, 22.220 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(197, 69, 81) }
```

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

```
.border{ border-color:rgb(197, 69, 81) }
```

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

Here you see how a box with a 4 pixel rgb(197, 69, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 69, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 69, 81);  
box-shadow:4px 4px 4px 4px rgb(197, 69,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 55.908, 22.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 69, 81) }
```

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

```
.background{ background-color: rgb(197, 69,  
81) }
```

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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