

Converting Colors

CIELCh(48, 53.744, 24.608)

Have a look what the booklet for
CIELCh(48, 53.744, 24.608) contains.

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Color

CIELCh(48, 53.744, 24.608)

Conversions

Conversions Part 1

Format	Color
Hex	C2494F
RGB	194, 73, 79
RGB Percent	76%, 29%, 31%
CMY	0.2393, 0.7138, 0.6902
CMYK	0.00, 0.62, 0.59, 0.24
HSL	357°, 50%, 52%
HSV	357°, 62%, 76%
XYZ	26.0361, 16.7945, 9.2642
YIQ	109.8630, 70.1900, 27.5180

Conversions

Conversions Part 2

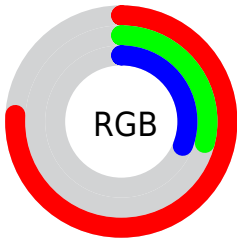
Format	Color
R _Y B	194, 73, 79
Decimal	12732751
CIE Lab	48.00, 48.86, 22.38
CIE LCh	48, 53.744, 24.608
Yxy	16.7945, 0.4998, 0.3224
Android (android.graphics.Color)	4290922831 (0xFFC2494F)
YUV	109.8630, -15.2155, 73.7881
Hunter-Lab	40.9810, 41.6877, 15.2837

Details

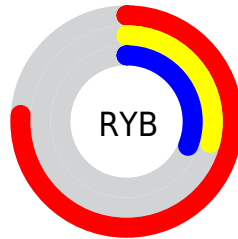
The CIELCh color **48, 53.744, 24.608** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **72, 35.316, 191.382**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 53.601, 24.736**, and **28, 53.489, 24.423** is the 20% darker color. If you saturate the color by 10%, you get **45, 62.875, 27.854**, and if you desaturate by 10%, it is **52, 44.347, 22.021**.

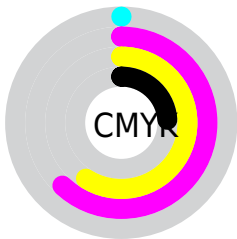
Distribution



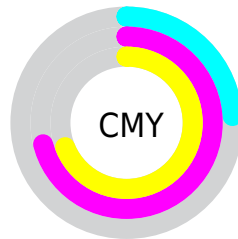
- Red (76%)
- Green (29%)
- Blue (31%)



- Red (76%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (59%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 53.744, 24.608 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, 53.744, 24.608 by changing the saturation by 10% instead.

 48, 53.744, 24.608

 48, 53.744, 24.608

 100, 53.744,
24.608

 38, 53.744, 24.608

 68, 53.744, 24.608

 28, 53.744, 24.608

 78, 53.744, 24.608

 18, 53.744, 24.608

 88, 53.744, 24.608

 8, 53.744, 24.608

 98, 53.744, 24.608

 0, 53.744, 24.608

 48, 53.744, 24.608

 48, 53.744, 24.608

 45, 62.875, 27.854

 52, 44.347, 22.021

 42, 71.392, 31.697

 56, 35.002, 19.998

41, 78.745, 35.725

61, 25.947, 18.421

40, 83.044, 38.152

66, 17.338, 17.181

72, 9.253, 16.180

77, 1.712, 15.145

83, 5.303, 194.919

88, 11.830,
194.337

94, 17.916,
193.880

Harmonies

Complementary

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



48, 53.744, 24.608



72, 35.316, 191.382

Rectangle

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



48, 53.744, 24.608



48, 53.744, 74.608



48, 53.744, 204.608



48, 53.744, 254.608

Sweetspot

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



48, 53.741, 24.611



86, 18.041, 16.853



51, 74.466, 325.950



45, 12.647, 17.164



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, 53.741, 24.611



57, 80.735, 29.262



59, 44.588, 62.781



38, 4.191, 15.908



33, 71.794, 37.694



3, 14.024, 16.697

Inverse Universe

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



48, 53.741, 24.611



57, 80.735, 29.262



56, 34.903, 262.763



38, 4.191, 15.908



33, 71.794, 37.694



3, 14.024, 16.697

Previews

White Background



This preview shows how the CIELCh color 48, 53.744, 24.608 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, 53.744, 24.608 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, 53.744, 24.608

Background



This preview shows how black text looks on a background with the CIELCh color 48, 53.744, 24.608.

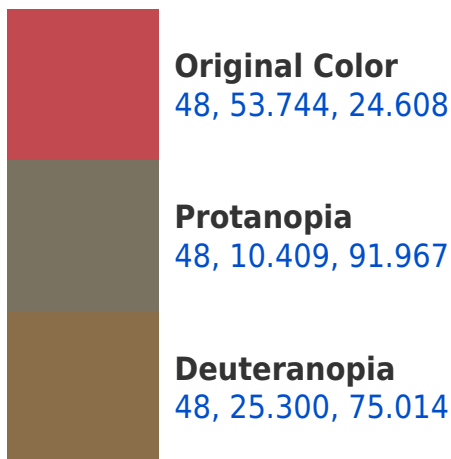


This preview shows how white text looks on a background with the CIELCh color 48, 53.744, 24.608.

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, 53.922, 25.195

Trichromacy



Original Color
48, 53.744, 24.608

Protanomaly
47, 22.858, 35.243

Deuteranomaly
47, 32.200, 44.623

Tritanomaly
48, 53.922, 25.195

Monochromacy



Original Color
48, 53.744, 24.608

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 19.167, 18.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 53.744, 24.608 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(194, 73, 79)` looks like.

```
.text, #text, p{  
    color:rgb(194, 73, 79)  
}
```

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(194, 73, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 73, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 53.744, 24.608 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(194, 73, 79) }
```

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

```
.border{ border-color:rgb(194, 73, 79) }
```

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

Here you see how a box with a 4 pixel rgb(194, 73, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 73, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 73, 79);  
box-shadow:4px 4px 4px 4px rgb(194, 73,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 53.744, 24.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 73, 79) }
```

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

```
.background{ background-color: rgb(194, 73,  
79) }
```

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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