

Converting Colors

CIELCh(47, 56.573, 26.630)

Have a look what the booklet for
CIELCh(47, 56.573, 26.630) contains.

CIELCh(47, 56.573, 26.630)	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(47, 56.573, 26.630)

Conversions

Conversions Part 1

Format	Color
Hex	C24448
RGB	194, 68, 72
RGB Percent	76%, 27%, 28%
CMY	0.2400, 0.7340, 0.7183
CMYK	0.00, 0.65, 0.63, 0.24
HSL	358°, 51%, 51%
HSV	358°, 65%, 76%
XYZ	25.4153, 16.0195, 7.8565
YIQ	106.1300, 73.8120, 27.9560

Conversions

Conversions Part 2

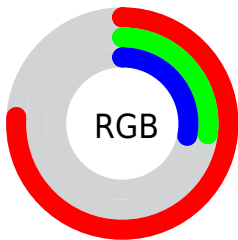
Format	Color
RYB	194, 68, 72
Decimal	12731464
CIELab	47.00, 50.57, 25.36
CIElCh	47, 56.573, 26.630
Yxy	16.0195, 0.5156, 0.3250
Android (android.graphics.Color)	4290921544 (0xFFC24448)
YUV	106.1300, -16.8261, 77.0620
Hunter-Lab	40.0243, 43.3044, 16.3788

Details

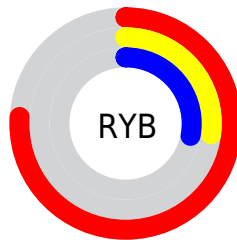
The CIELCh color **47, 56.573, 26.630** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **72, 35.810, 193.168**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 56.304, 26.248**, and **27, 56.293, 26.563** is the 20% darker color. If you saturate the color by 10%, you get **44, 65.764, 29.988**, and if you desaturate by 10%, it is **51, 47.060, 23.915**.

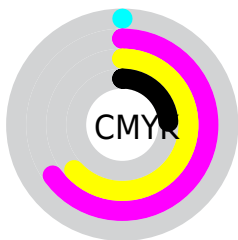
Distribution



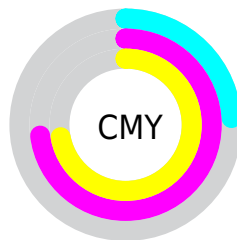
- Red (76%)
- Green (27%)
- Blue (28%)



- Red (76%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (24%)



- Cyan (24%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 56.573, 26.630 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 47, 56.573, 26.630 by changing the saturation by 10% instead.

47, 56.573, 26.630

47, 56.573, 26.630

100, 56.573,
26.630

37, 56.573, 26.630

67, 56.573, 26.630

27, 56.573, 26.630

77, 56.573, 26.630

17, 56.573, 26.630

87, 56.573, 26.630

7, 56.573, 26.630

97, 56.573, 26.630

0, 56.573, 26.630

47, 56.573, 26.630

47, 56.573, 26.630

44, 65.764, 29.988

51, 47.060, 23.915

42, 74.206, 33.818

55, 37.562, 21.786

41, 81.065, 37.477

60, 28.337, 20.136

40, 83.673, 38.786

65, 19.559, 18.851

70, 11.316, 17.832

76, 3.636, 16.942

81, 3.496, 196.608

87, 10.117,
195.992

92, 16.276,
195.547

Harmonies

Complementary

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



47, 56.573, 26.630



72, 35.810, 193.168

Rectangle

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



47, 56.573, 26.630



47, 56.573, 76.630



47, 56.573, 206.630



47, 56.573, 256.630

Sweetspot

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



47, 56.570, 26.633



86, 19.067, 18.346



51, 76.915, 326.551



44, 13.252, 18.649



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 56.570, 26.633



56, 84.755, 31.577



59, 46.688, 64.061



38, 4.187, 17.335



33, 72.472, 38.428



3, 14.012, 17.660

Inverse Universe

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



47, 56.570, 26.633



56, 84.755, 31.577



54, 37.031, 265.725



38, 4.187, 17.335



33, 72.472, 38.428



3, 14.012, 17.660

Previews

White Background



This preview shows how the CIELCh color 47, 56.573, 26.630 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 47, 56.573, 26.630 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 47, 56.573, 26.630

Background



This preview shows how black text looks on a background with the CIELCh color 47, 56.573, 26.630.



This preview shows how white text looks on a background with the CIELCh color 47, 56.573, 26.630.

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
47, 56.573, 26.630

Trichromacy



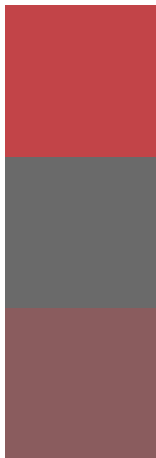
Original Color
47, 56.573, 26.630

Protanomaly
46, 24.468, 40.092

Deuteranomaly
46, 35.023, 47.917

Tritanomaly
47, 56.573, 26.630

Monochromacy



Original Color
47, 56.573, 26.630

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 20.255, 18.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 56.573, 26.630 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, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(194, 68, 72)  
}
```

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, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 68, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 56.573, 26.630 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, 68, 72) }
```

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

```
.border{ border-color:rgb(194, 68, 72) }
```

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

Here you see how a box with a 4 pixel rgb(194, 68, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(194, 68,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 56.573, 26.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 68, 72) }
```

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

```
.background{ background-color: rgb(194, 68,  
72) }
```

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