

Converting Colors

CIELCh(44, 48.664, 25.014)

Have a look what the booklet for
CIELCh(44, 48.664, 25.014) contains.

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Color

CIELCh(44, 48.988, 25.093)

Conversions

Conversions Part 1

Format	Color
Hex	B04448
RGB	176, 68, 72
RGB Percent	69%, 27%, 28%
CMY	0.3097, 0.7332, 0.7176
CMYK	0.00, 0.61, 0.59, 0.31
HSL	358°, 44%, 48%
HSV	358°, 61%, 69%
XYZ	21.1491, 13.8382, 7.6906
YIQ	100.7480, 63.0840, 24.1400

Conversions

Conversions Part 2

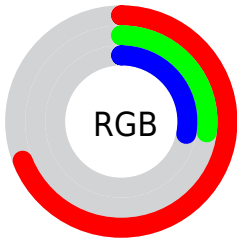
Format	Color
R_{YB}	176, 68, 72
Decimal	11551816
CIE _{Lab}	44.00, 44.36, 20.78
CIE _{LCh}	44, 48.988, 25.093
Yxy	13.8382, 0.4956, 0.3242
Android (android.graphics.Color)	4289741896 (0xFFB04448)
YUV	100.7480, -14.1728, 65.9960
Hunter-Lab	37.1997, 36.3829, 13.7823

Details

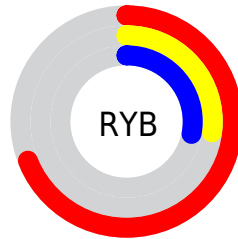
The CIELCh color **44, 48.988, 25.093** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **66, 32.157, 192.816**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 48.918, 25.558**, and **24, 49.029, 24.855** is the 20% darker color. If you saturate the color by 10%, you get **41, 57.600, 28.186**, and if you desaturate by 10%, it is **48, 40.201, 22.633**.

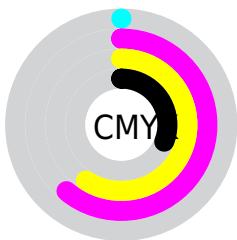
Distribution



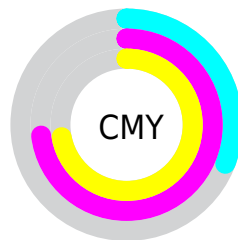
- Red (69%)
- Green (27%)
- Blue (28%)



- Red (69%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 48.988, 25.093 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 44, 48.988, 25.093 by changing the saturation by 10% instead.

■ 44, 48.988, 25.093

■ 44, 48.988, 25.093

■ 100, 48.988,
25.093

■ 34, 48.988, 25.093

■ 64, 48.988, 25.093

■ 24, 48.988, 25.093

■ 74, 48.988, 25.093

■ 14, 48.988, 25.093

■ 84, 48.988, 25.093

■ 4, 48.988, 25.093

■ 94, 48.988, 25.093

■ 0, 48.988, 25.093

■ 44, 48.988, 25.093

■ 44, 48.988, 25.093

■ 41, 57.600, 28.186

■ 48, 40.201, 22.633

■ 39, 65.708, 31.864

■ 52, 31.522, 20.712

37, 72.793, 35.751

56, 23.156, 19.217

36, 77.541, 38.434

61, 15.233, 18.043

66, 7.810, 17.094

71, 0.898, 15.871

76, 5.525, 195.920

81, 11.497,
195.385

87, 17.063,
194.965

Harmonies

Complementary

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



44, 48.988, 25.093



66, 32.157, 192.816

Rectangle

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



44, 48.988, 25.093



44, 48.988, 75.093



44, 48.988, 205.093



44, 48.988, 255.093

Sweetspot

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



44, 48.986, 25.096



80, 15.759, 17.736



47, 68.015, 325.906



41, 11.052, 18.023



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 48.986, 25.096



52, 74.234, 29.576



54, 40.392, 62.944



35, 3.912, 16.919



31, 69.561, 38.034



2, 9.169, 17.029

Inverse Universe

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



44, 48.986, 25.096



52, 74.234, 29.576



51, 31.800, 262.277



35, 3.912, 16.919



31, 69.561, 38.034



2, 9.169, 17.029

Previews

White Background



This preview shows how the CIELCh color 44, 48.988, 25.093 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 44, 48.988, 25.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

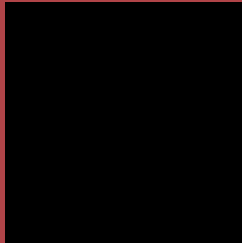
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 48.988, 25.093

Background



This preview shows how black text looks on a background with the CIELCh color 44, 48.988, 25.093.



This preview shows how white text looks on a background with the CIELCh color 44, 48.988, 25.093.

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

44, 48.988, 25.093

Protanopia

44, 9.885, 93.361

Deuteranopia

44, 23.382, 75.630



Tritanopia
44, 48.988, 25.093

Trichromacy



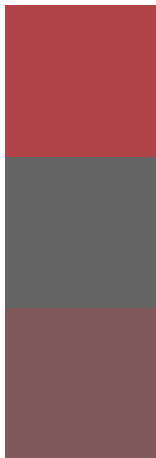
Original Color
44, 48.988, 25.093

Protanomaly
43, 20.554, 36.834

Deuteranomaly
43, 29.493, 44.642

Tritanomaly
44, 48.988, 25.093

Monochromacy



Original Color
44, 48.988, 25.093

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 17.268, 19.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 48.988, 25.093 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(176, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 68, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 48.988, 25.093 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(176, 68, 72) }
```

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

```
.border{ border-color:rgb(176, 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(176, 68, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(176, 68,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 48.988, 25.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 68, 72) }
```

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

```
.background{ background-color: rgb(176, 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](#).

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