

Converting Colors

CIELCh(44, 51.809, 23.911)

Have a look what the booklet for
CIELCh(44, 51.809, 23.911) contains.

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Color

CIELCh(44, 51.957, 23.737)

Conversions

Conversions Part 1

Format	Color
Hex	B44048
RGB	180, 64, 72
RGB Percent	71%, 25%, 28%
CMY	0.2941, 0.7490, 0.7176
CMYK	0.00, 0.64, 0.60, 0.29
HSL	356°, 48%, 48%
HSV	356°, 64%, 71%
XYZ	21.8257, 13.8382, 7.6518
YIQ	99.5960, 66.5680, 27.0800

Conversions

Conversions Part 2

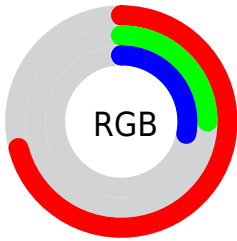
Format	Color
R _Y B	180, 64, 72
Decimal	11812936
CIE Lab	44.00, 47.56, 20.91
CIE LCh	44, 51.957, 23.737
Yxy	13.8382, 0.5039, 0.3195
Android (android.graphics.Color)	4290003016 (0xFFB44048)
YUV	99.5960, -13.6048, 70.5143
Hunter-Lab	37.1997, 39.6294, 13.8442

Details

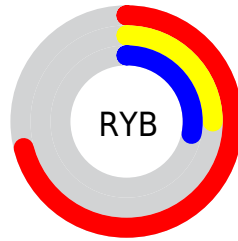
The CIELCh color **44, 51.957, 23.737** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **67, 34.372, 189.203**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 52.345, 23.807**, and **24, 51.390, 24.034** is the 20% darker color. If you saturate the color by 10%, you get **41, 60.278, 27.129**, and if you desaturate by 10%, it is **48, 43.295, 21.021**.

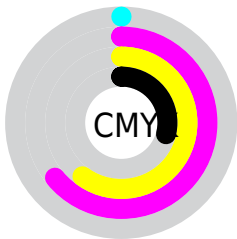
Distribution



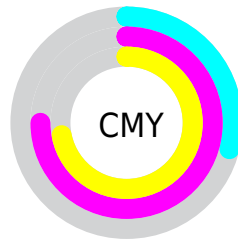
- Red (71%)
- Green (25%)
- Blue (28%)



- Red (71%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 51.957, 23.737 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, 51.957, 23.737 by changing the saturation by 10% instead.

■ 44, 51.957, 23.737

■ 44, 51.957, 23.737

■ 100, 51.957,
23.737

■ 34, 51.957, 23.737

■ 64, 51.957, 23.737

■ 24, 51.957, 23.737

■ 74, 51.957, 23.737

■ 14, 51.957, 23.737

■ 84, 51.957, 23.737

■ 4, 51.957, 23.737

■ 94, 51.957, 23.737

■ 0, 51.957, 23.737

■ 44, 51.957, 23.737

■ 44, 51.957, 23.737

■ 41, 60.278, 27.129

■ 48, 43.295, 21.021

■ 39, 67.959, 31.131

■ 52, 34.590, 18.886

38, 74.554, 35.330

56, 26.081, 17.214

37, 77.626, 37.218

61, 17.936, 15.891

66, 10.246, 14.822

71, 3.044, 13.858

76, 3.676, 193.461

81, 9.943, 192.793

87, 15.795,
192.281

Harmonies

Complementary

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



44, 51.957, 23.737



67, 34.372, 189.203

Rectangle

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



44, 51.957, 23.737



44, 51.957, 73.737



44, 51.957, 203.737



44, 51.957, 253.737

Sweetspot

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



44, 51.954, 23.740



81, 17.002, 15.318



46, 71.706, 324.947



41, 11.803, 15.627



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 51.954, 23.740



53, 77.251, 28.620



54, 43.613, 59.425



35, 3.921, 14.337



31, 68.416, 36.695



2, 9.193, 14.984

Inverse Universe

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



44, 51.954, 23.740



53, 77.251, 28.620



53, 32.400, 259.029



35, 3.921, 14.337



31, 68.416, 36.695



2, 9.193, 14.984

Previews

White Background



This preview shows how the CIELCh color 44, 51.957, 23.737 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, 51.957, 23.737 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, 51.957, 23.737

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.957, 23.737.

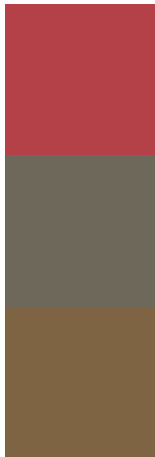


This preview shows how white text looks on a background with the CIELCh color 44, 51.957, 23.737.

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, 51.957, 23.737

Protanopia

44, 8.739, 91.561

Deuteranopia

44, 23.897, 76.222



Tritanopia
44, 52.392, 26.607

Trichromacy



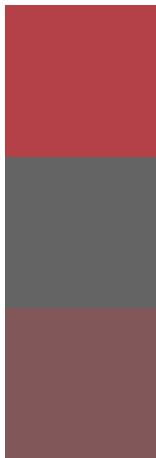
Original Color
44, 51.957, 23.737

Protanomaly
43, 21.373, 31.712

Deuteranomaly
43, 30.906, 43.778

Tritanomaly
44, 52.194, 26.001

Monochromacy



Original Color
44, 51.957, 23.737

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 18.621, 16.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.957, 23.737 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(180, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(180, 64, 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(180, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 64, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.957, 23.737 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(180, 64, 72) }
```

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

```
.border{ border-color:rgb(180, 64, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 64, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(180, 64,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.957, 23.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 64, 72) }
```

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

```
.background{ background-color: rgb(180, 64,  
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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