

Converting Colors

CIELCh(44, 68.483, 26.554)

Have a look what the booklet for
CIELCh(44, 68.483, 26.554) contains.

CIELCh(44, 68.427, 26.540)	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(44, 68.427, 26.540)

Conversions

Conversions Part 1

Format	Color
Hex	C62739
RGB	198, 39, 57
RGB Percent	78%, 15%, 22%
CMY	0.2220, 0.8452, 0.7754
CMYK	0.00, 0.80, 0.71, 0.22
HSL	353°, 67%, 47%
HSV	353°, 80%, 78%
XYZ	24.8780, 13.8382, 5.2672
YIQ	88.5930, 88.9860, 39.3060

Conversions

Conversions Part 2

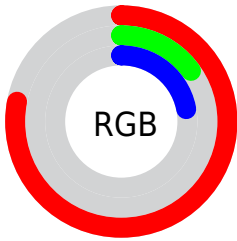
Format	Color
R_{YB}	198, 39, 57
Decimal	12986169
CIE _{Lab}	44.00, 61.22, 30.57
CIE _{LCh}	44, 68.427, 26.540
Yxy	13.8382, 0.5656, 0.3146
Android (android.graphics.Color)	4291176249 (0xFFC62739)
YUV	88.5930, -15.5753, 95.9499
Hunter-Lab	37.1997, 54.2753, 17.6448

Details

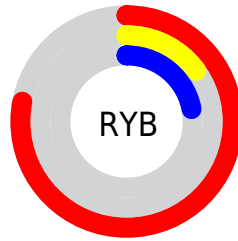
The CIELCh color **44, 68.427, 26.540** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72, 43.012, 183.084**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 65.975, 26.116**, and **27, 60.909, 34.046** is the 20% darker color. If you saturate the color by 10%, you get **42, 75.635, 31.078**, and if you desaturate by 10%, it is **47, 60.318, 22.604**.

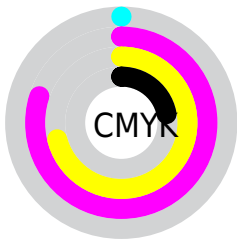
Distribution



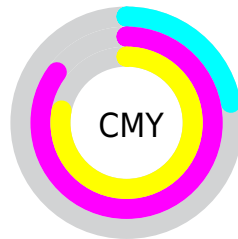
- Red (78%)
- Green (15%)
- Blue (22%)



- Red (78%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (85%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 68.427, 26.540 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, 68.427, 26.540 by changing the saturation by 10% instead.

 44, 68.427, 26.540

 44, 68.427, 26.540

 100, 68.427,
26.540

 34, 68.427, 26.540

 64, 68.427, 26.540

 24, 68.427, 26.540

 74, 68.427, 26.540

 14, 68.427, 26.540

 84, 68.427, 26.540

 4, 68.427, 26.540

 94, 68.427, 26.540

 0, 68.427, 26.540

 44, 68.427, 26.540

 44, 68.427, 26.540

 42, 75.635, 31.078

 47, 60.318, 22.604

 41, 81.705, 35.439

 50, 51.561, 19.403

■ 54, 42.454, 16.872

■ 59, 33.306, 14.882

■ 64, 24.366, 13.303

■ 69, 15.801, 12.030

■ 74, 7.697, 10.966

■ 80, 0.082, 3.670

■ 86, 7.054, 189.539

Harmonies

Complementary

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



44, 68.427, 26.540



72, 43.012, 183.084

Rectangle

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



44, 68.427, 26.540



44, 68.427, 76.540



44, 68.427, 206.540



44, 68.427, 256.540

Sweetspot

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



44, 68.424, 26.542



84, 23.423, 12.540



46, 89.348, 324.063



42, 16.262, 13.009



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 68.424, 26.542



54, 96.825, 34.470



53, 61.055, 54.960



39, 4.318, 10.894



34, 70.134, 34.749



3, 15.988, 13.613

Inverse Universe

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



44, 68.424, 26.542



54, 96.825, 34.470



55, 39.923, 260.675



39, 4.318, 10.894



34, 70.134, 34.749



3, 15.988, 13.613

Previews

White Background



This preview shows how the CIELCh color 44, 68.427, 26.540 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, 68.427, 26.540 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, 68.427, 26.540

Background



This preview shows how black text looks on a background with the CIELCh color 44, 68.427, 26.540.



This preview shows how white text looks on a background with the CIELCh color 44, 68.427, 26.540.

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, 68.427, 26.540

Protanopia

44, 15.166, 96.050

Deuteranopia

44, 34.083, 80.149



Tritanopia
44, 71.355, 33.021

Trichromacy



Original Color
44, 68.427, 26.540

Protanomaly
42, 29.898, 33.662

Deuteranomaly
42, 42.503, 45.510

Tritanomaly
44, 70.215, 30.831

Monochromacy



Original Color
44, 68.427, 26.540

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 26.491, 16.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 68.427, 26.540 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(198, 39, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 39, 57)  
}
```

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(198, 39, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 39, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 68.427, 26.540 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(198, 39, 57) }
```

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

```
.border{ border-color:rgb(198, 39, 57) }
```

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

Here you see how a box with a 4 pixel rgb(198, 39, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 39, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 39, 57);  
box-shadow:4px 4px 4px 4px rgb(198, 39,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 68.427, 26.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 39, 57) }
```

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

```
.background{ background-color: rgb(198, 39,  
57) }
```

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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