

Converting Colors

CIELCh(43, 76.143, 35.685)

Have a look what the booklet for
CIELCh(43, 76.143, 35.685) contains.

CIELCh(43, 76.143, 35.685)	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(43, 76.143, 35.685)

Conversions

Conversions Part 1

Format	Color
Hex	C6211F
RGB	198, 33, 31
RGB Percent	78%, 13%, 12%
CMY	0.2242, 0.8713, 0.8789
CMYK	0.00, 0.83, 0.84, 0.22
HSL	1°, 73%, 45%
HSV	1°, 84%, 78%
XYZ	24.0289, 13.1578, 2.5616
YIQ	82.1070, 98.9820, 34.3580

Conversions

Conversions Part 2

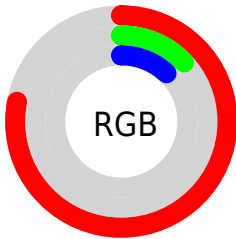
Format	Color
R_{YB}	198, 33, 31
Decimal	12984607
CIE Lab	43.00, 61.85, 44.42
CIE LCh	43, 76.143, 35.685
Yxy	13.1578, 0.6045, 0.3310
Android (android.graphics.Color)	4291174687 (0xFFC6211F)
YUV	82.1070, -25.1958, 101.6382
Hunter-Lab	36.2736, 54.7659, 21.2046

Details

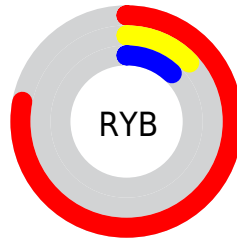
The CIELCh color **43, 76.143, 35.685** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **72, 39.512, 198.048**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 73.198, 35.752**, and **27, 64.073, 38.791** is the 20% darker color. If you saturate the color by 10%, you get **42, 83.176, 38.673**, and if you desaturate by 10%, it is **45, 67.147, 32.280**.

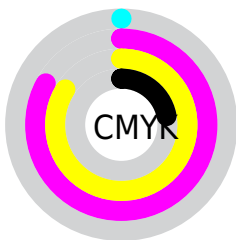
Distribution



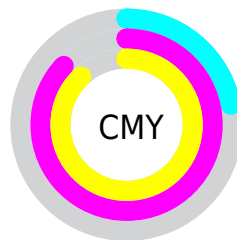
- Red (78%)
- Green (13%)
- Blue (12%)



- Red (78%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 76.143, 35.685 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 43, 76.143, 35.685 by changing the saturation by 10% instead.

 43, 76.143, 35.685

 43, 76.143, 35.685

 100, 76.143,
35.685

 33, 76.143, 35.685

 63, 76.143, 35.685

 23, 76.143, 35.685

 73, 76.143, 35.685

 13, 76.143, 35.685

 83, 76.143, 35.685

 3, 76.143, 35.685

 93, 76.143, 35.685

 0, 76.143, 35.685

 43, 76.143, 35.685

 43, 76.143, 35.685

 42, 83.176, 38.673

 45, 67.147, 32.280

 41, 86.227, 40.111

 48, 57.384, 29.216

■ 52, 47.409, 26.718

■ 57, 37.575, 24.769

■ 61, 28.127, 23.274

■ 67, 19.212, 22.129

■ 72, 10.899, 21.240

■ 77, 3.196, 20.453

■ 83, 3.927, 200.249

Harmonies

Complementary

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



43, 76.143, 35.685



72, 39.512, 198.048

Rectangle

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



43, 76.143, 35.685



43, 76.143, 85.685



43, 76.143, 215.685



43, 76.143, 265.685

Sweetspot

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



43, 76.140, 35.687



83, 24.293, 22.229



48, 91.281, 328.082



42, 16.801, 22.613



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 76.140, 35.687



53, 104.437, 40.081



56, 62.222, 64.136



39, 4.230, 20.857



34, 74.485, 39.930



3, 15.769, 20.007

Inverse Universe

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



72, 39.512, 198.048



90, 49.284, 198.223



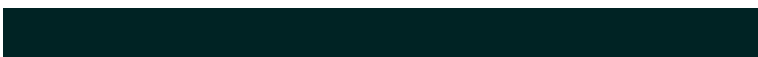
48, 50.652, 277.334



41, 3.987, 199.986



60, 35.310, 198.169



12, 12.819, 197.771

Previews

White Background



This preview shows how the CIELCh color 43, 76.143, 35.685 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 43, 76.143, 35.685 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 43, 76.143, 35.685

Background



This preview shows how black text looks on a background with the CIELCh color 43, 76.143, 35.685.



This preview shows how white text looks on a background with the CIELCh color 43, 76.143, 35.685.

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

43, 76.143, 35.685

Protanopia

43, 32.343, 95.993

Deuteranopia

43, 50.912, 83.732



Tritanopia
43, 76.143, 35.685

Trichromacy



Original Color
43, 76.143, 35.685

Protanomaly
40, 41.216, 52.404

Deuteranomaly
41, 56.554, 57.527

Tritanomaly
43, 76.143, 35.685

Monochromacy



Original Color
43, 76.143, 35.685

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 28.587, 25.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 76.143, 35.685 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, 33, 31)` looks like.

```
.text, #text, p{  
    color:rgb(198, 33, 31)  
}
```

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, 33, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 33, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 76.143, 35.685 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, 33, 31) }
```

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

```
.border{ border-color:rgb(198, 33, 31) }
```

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

Here you see how a box with a 4 pixel rgb(198, 33, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 33, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 33, 31);  
box-shadow:4px 4px 4px 4px rgb(198, 33,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 76.143, 35.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 33, 31) }
```

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

```
.background{ background-color: rgb(198, 33,  
31) }
```

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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