

Converting Colors

CIELCh(43, 63.046, 26.033)

Have a look what the booklet for
CIELCh(43, 63.046, 26.033) contains.

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Color

CIELCh(43, 63.040, 26.138)

Conversions

Conversions Part 1

Format	Color
Hex	BD2E3B
RGB	189, 46, 59
RGB Percent	74%, 18%, 23%
CMY	0.2576, 0.8183, 0.7677
CMYK	0.00, 0.76, 0.69, 0.26
HSL	355°, 61%, 46%
HSV	355°, 76%, 74%
XYZ	22.8510, 13.1578, 5.5047
YIQ	90.2390, 81.0550, 34.3590

Conversions

Conversions Part 2

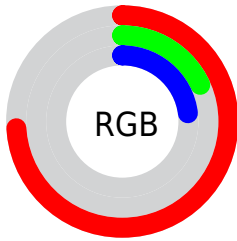
Format	Color
RYB	189, 46, 59
Decimal	12398139
CIELab	43.00, 56.59, 27.77
CIELCh	43, 63.040, 26.138
Yxy	13.1578, 0.5504, 0.3170
Android (android.graphics.Color)	4290588219 (0xFFBD2E3B)
YUV	90.2390, -15.4008, 86.6134
Hunter-Lab	36.2736, 48.9694, 16.3940

Details

The CIELCh color **43, 63.040, 26.138** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **70, 39.610, 185.982**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 62.821, 26.338**, and **26, 57.277, 32.350** is the 20% darker color. If you saturate the color by 10%, you get **41, 70.683, 30.327**, and if you desaturate by 10%, it is **46, 54.665, 22.601**.

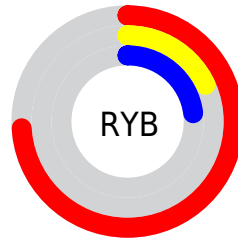
Distribution



Red (74%)

Green (18%)

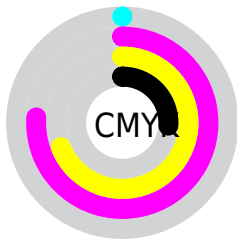
Blue (23%)



Red (74%)

Yellow (18%)

Blue (23%)

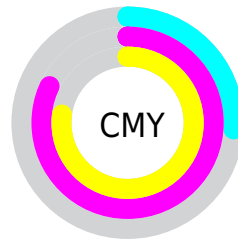


Cyan (0%)

Magenta (76%)

Yellow (69%)

Black (26%)



Cyan (26%)

Magenta (82%)

Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 63.040, 26.138 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, 63.040, 26.138 by changing the saturation by 10% instead.

 43, 63.040, 26.138

 43, 63.040, 26.138

 100, 63.040,
26.138

 33, 63.040, 26.138

 63, 63.040, 26.138

 23, 63.040, 26.138

 73, 63.040, 26.138

 13, 63.040, 26.138

 83, 63.040, 26.138

 3, 63.040, 26.138

 93, 63.040, 26.138

 0, 63.040, 26.138

 43, 63.040, 26.138

 43, 63.040, 26.138

 41, 70.683, 30.327

 46, 54.665, 22.601

 40, 77.236, 34.749

 50, 45.854, 19.761

39, 79.802, 36.407

54, 36.905, 17.527

58, 28.089, 15.772

63, 19.597, 14.378

68, 11.542, 13.247

74, 3.973, 12.255

79, 3.109, 191.800

85, 9.727, 191.055

Harmonies

Complementary

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



43, 63.040, 26.138



70, 39.610, 185.982

Rectangle

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



43, 63.040, 26.138



43, 63.040, 76.138



43, 63.040, 206.138



43, 63.040, 256.138

Sweetspot

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



43, 63.037, 26.140



82, 21.797, 14.116



45, 83.281, 324.599



42, 15.383, 14.570



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 63.037, 26.140



53, 92.175, 33.435



53, 54.739, 56.829



37, 4.118, 12.635



33, 69.340, 35.800



3, 12.317, 14.222

Inverse Universe

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



43, 63.037, 26.140



53, 92.175, 33.435



53, 37.622, 261.026



37, 4.118, 12.635



33, 69.340, 35.800



3, 12.317, 14.222

Previews

White Background



This preview shows how the CIELCh color 43, 63.040, 26.138 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, 63.040, 26.138 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, 63.040, 26.138

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.040, 26.138.

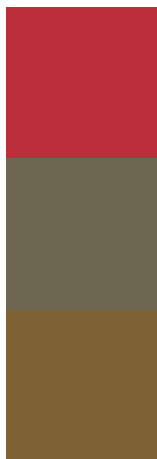


This preview shows how white text looks on a background with the CIELCh color 43, 63.040, 26.138.

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, 63.040, 26.138

Protanopia

43, 13.504, 94.780

Deuteranopia

43, 31.196, 80.036



Tritanopia
43, 64.717, 30.948

Trichromacy



Original Color
43, 63.040, 26.138

Protanomaly
41, 27.289, 35.486

Deuteranomaly
42, 38.580, 45.709

Tritanomaly
43, 64.187, 29.304

Monochromacy



Original Color
43, 63.040, 26.138

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.653, 17.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.040, 26.138 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(189, 46, 59)` looks like.

```
.text, #text, p{  
    color:rgb(189, 46, 59)  
}
```

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(189, 46, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 46, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.040, 26.138 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(189, 46, 59) }
```

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

```
.border{ border-color:rgb(189, 46, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 46, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 46, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 46, 59);  
box-shadow:4px 4px 4px 4px rgb(189, 46,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.040, 26.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 46, 59) }
```

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

```
.background{ background-color: rgb(189, 46,  
59) }
```

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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