

Converting Colors

CIELCh(51, 43.602, 23.343)

Have a look what the booklet for
CIELCh(51, 43.602, 23.343) contains.

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Color

CIELCh(51, 43.602, 23.343)

Conversions

Conversions Part 1

Format	Color
Hex	BE5B5E
RGB	190, 91, 94
RGB Percent	75%, 36%, 37%
CMY	0.2545, 0.6427, 0.6310
CMYK	0.00, 0.52, 0.51, 0.25
HSL	358°, 43%, 55%
HSV	358°, 52%, 75%
XYZ	27.0351, 19.2686, 12.9046
YIQ	120.9430, 58.0410, 21.9210

Conversions

Conversions Part 2

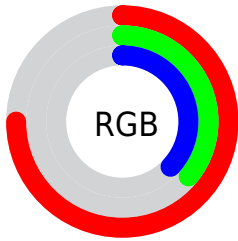
Format	Color
RYB	190, 91, 94
Decimal	12475230
CIELab	51.00, 40.03, 17.28
CIElCh	51, 43.602, 23.343
Yxy	19.2686, 0.4566, 0.3254
Android (android.graphics.Color)	4290665310 (0xFFBE5B5E)
YUV	120.9430, -13.2829, 60.5630
Hunter-Lab	43.8960, 33.1182, 13.2971

Details

The CIELCh color **51, 43.602, 23.343** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 30.499, 193.975**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 43.633, 23.774**, and **31, 43.414, 23.535** is the 20% darker color. If you saturate the color by 10%, you get **47, 53.005, 25.870**, and if you desaturate by 10%, it is **55, 34.296, 21.378**.

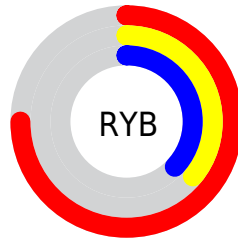
Distribution



Red (75%)

Green (36%)

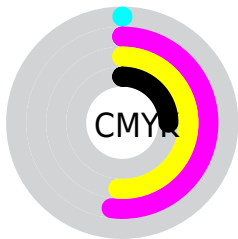
Blue (37%)



Red (75%)

Yellow (36%)

Blue (37%)

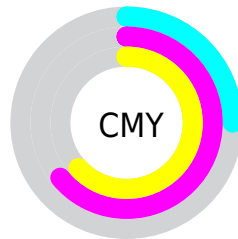


Cyan (0%)

Magenta (52%)

Yellow (51%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 43.602, 23.343 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 51, 43.602, 23.343 by changing the saturation by 10% instead.

■ 51, 43.602, 23.343

■ 51, 43.602, 23.343

■ 100, 43.602,
23.343

■ 41, 43.602, 23.343

■ 71, 43.602, 23.343

■ 31, 43.602, 23.343

■ 81, 43.602, 23.343

■ 21, 43.602, 23.343

■ 91, 43.602, 23.343

■ 11, 43.602, 23.343

■ 1, 43.602, 23.343

■ 0, 43.602, 23.343

■ 51, 43.602, 23.343

■ 51, 43.602, 23.343

■ 47, 53.005, 25.870

■ 55, 34.296, 21.378

■ 44, 62.206, 29.027

■ 60, 25.324, 19.853

 42, 70.816, 32.739

 65, 16.827, 18.662


 40, 78.181, 36.532

 71, 8.873, 17.708


 40, 82.524, 38.823

 76, 1.473, 16.674

 81, 5.396, 196.538

 87, 11.775,
196.003

 92, 17.712,
195.589

 96, 21.069,
198.120

Harmonies

Complementary

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



51, 43.602, 23.343



71, 30.499, 193.975

Rectangle

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



51, 43.602, 23.343



51, 43.602, 73.343



51, 43.602, 203.343



51, 43.602, 253.343

Sweetspot

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



51, 43.600, 23.346



87, 14.781, 18.084



54, 63.184, 326.104



45, 10.138, 18.283



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 43.600, 23.346



61, 65.646, 26.134



61, 35.781, 65.613



37, 4.096, 17.472



32, 71.636, 38.444



3, 12.262, 17.664

Inverse Universe

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



51, 43.600, 23.346



61, 65.646, 26.134



58, 29.745, 261.545



37, 4.096, 17.472



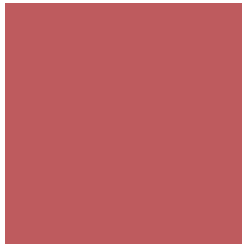
32, 71.636, 38.444



3, 12.262, 17.664

Previews

White Background



This preview shows how the CIELCh color 51, 43.602, 23.343 looks on a white 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

Black Background



This preview shows how the CIE LCh color 51, 43.602, 23.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

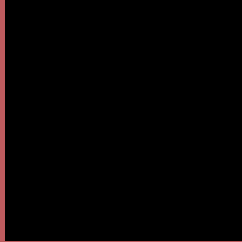
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 43.602, 23.343

Background



This preview shows how black text looks on a background with the CIELCh color 51, 43.602, 23.343.

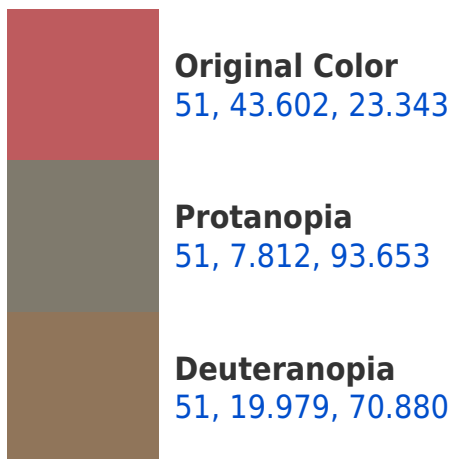


This preview shows how white text looks on a background with the CIELCh color 51, 43.602, 23.343.

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





Tritanopia
51, 43.222, 21.133

Trichromacy



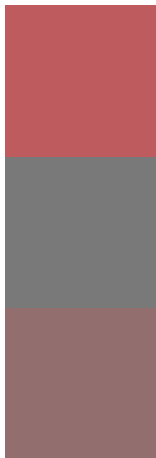
Original Color
51, 43.602, 23.343

Protanomaly
51, 17.511, 34.562

Deuteranomaly
51, 26.258, 43.578

Tritanomaly
51, 43.340, 21.875

Monochromacy



Original Color
51, 43.602, 23.343

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 15.268, 19.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 43.602, 23.343 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(190, 91, 94)` looks like.

```
.text, #text, p{  
    color:rgb(190, 91, 94)  
}
```

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(190, 91, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 91, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 43.602, 23.343 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(190, 91, 94) }
```

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

```
.border{ border-color:rgb(190, 91, 94) }
```

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

Here you see how a box with a 4 pixel rgb(190, 91, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 91, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 91, 94);  
box-shadow:4px 4px 4px 4px rgb(190, 91,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 43.602, 23.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 91, 94) }
```

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

```
.background{ background-color: rgb(190, 91,  
94) }
```

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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