

Converting Colors

CIELCh(51, 38.898, 25.827)

Have a look what the booklet for
CIELCh(51, 38.898, 25.827) contains.

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Color

CIELCh(51, 38.779, 26.187)

Conversions

Conversions Part 1

Format	Color
Hex	B7605E
RGB	183, 96, 94
RGB Percent	72%, 38%, 37%
CMY	0.2820, 0.6232, 0.6311
CMYK	0.00, 0.48, 0.49, 0.28
HSL	1°, 38%, 54%
HSV	1°, 49%, 72%
XYZ	25.7644, 19.2686, 12.9690
YIQ	121.7850, 52.4940, 17.8220

Conversions

Conversions Part 2

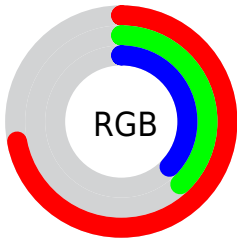
Format	Color
RYB	183, 96, 94
Decimal	12017758
CIELab	51.00, 34.80, 17.11
CIELCh	51, 38.779, 26.187
Yxy	19.2686, 0.4442, 0.3322
Android (android.graphics.Color)	4290207838 (0xFFB7605E)
YUV	121.7850, -13.6980, 53.6856
Hunter-Lab	43.8960, 27.9512, 13.2100

Details

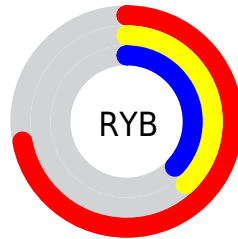
The CIELCh color **51, 38.779, 26.187** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 27.160, 199.632**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 38.939, 26.267**, and **31, 38.782, 26.028** is the 20% darker color. If you saturate the color by 10%, you get **47, 48.066, 28.248**, and if you desaturate by 10%, it is **55, 29.795, 24.604**.

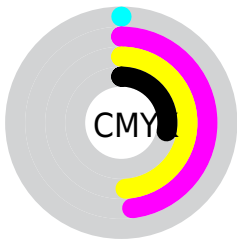
Distribution



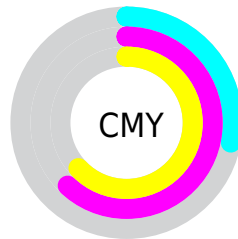
- Red (72%)
- Green (38%)
- Blue (37%)



- Red (72%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (49%)
- Black (28%)



- Cyan (28%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 38.779, 26.187 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, 38.779, 26.187 by changing the saturation by 10% instead.

■ 51, 38.779, 26.187

■ 51, 38.779, 26.187

■ 100, 38.779,
26.187

■ 41, 38.779, 26.187

■ 71, 38.779, 26.187

■ 31, 38.779, 26.187

■ 81, 38.779, 26.187

■ 21, 38.779, 26.187

■ 91, 38.779, 26.187

■ 11, 38.779, 26.187

■ 1, 38.779, 26.187

■ 0, 38.779, 26.187

■ 51, 38.779, 26.187

■ 51, 38.779, 26.187

■ 47, 48.066, 28.248

■ 55, 29.795, 24.604

■ 44, 57.410, 30.846

■ 60, 21.281, 23.392

41, 66.432, 33.937

65, 13.317, 22.462

39, 74.452, 37.148

70, 5.925, 21.716

38, 80.398, 39.817

75, 0.913, 201.838

38, 81.219, 40.237

80, 7.235, 200.930

86, 13.092,
200.580

91, 18.534,
200.322

96, 23.107,
197.993

Harmonies

Complementary

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



51, 38.779, 26.187



69, 27.160, 199.632

Rectangle

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



51, 38.779, 26.187



51, 38.779, 76.187



51, 38.779, 206.187



51, 38.779, 256.187

Sweetspot

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



51, 38.777, 26.190



84, 13.064, 22.196



53, 57.372, 327.441



44, 9.060, 22.360



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 38.777, 26.190



60, 58.736, 28.327



61, 32.545, 71.046



36, 3.915, 21.767



32, 71.560, 39.925



2, 10.462, 20.803

Inverse Universe

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



69, 27.160, 199.632



86, 37.646, 199.491



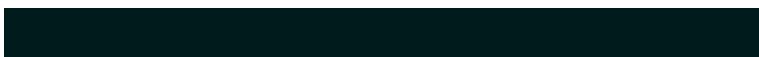
56, 28.739, 266.230



38, 3.691, 200.980



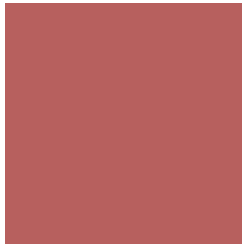
57, 33.579, 199.927



8, 10.144, 200.801

Previews

White Background



This preview shows how the CIELCh color 51, 38.779, 26.187 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 CIELCh color 51, 38.779, 26.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

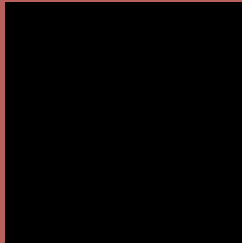
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 38.779, 26.187

Background



This preview shows how black text looks on a background with the CIELCh color 51, 38.779, 26.187.

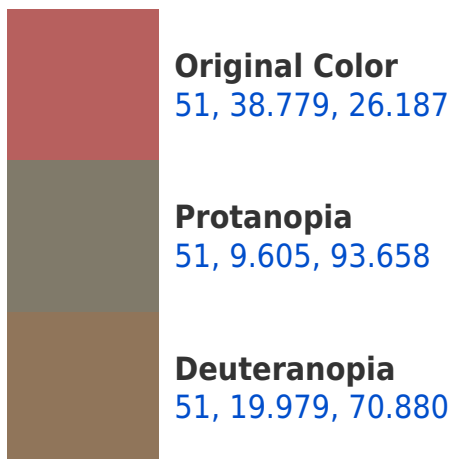


This preview shows how white text looks on a background with the CIELCh color 51, 38.779, 26.187.

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, 38.617, 18.952

Trichromacy



Original Color
51, 38.779, 26.187

Protanomaly
51, 16.686, 43.233

Deuteranomaly
51, 24.815, 46.125

Tritanomaly
51, 38.906, 21.454

Monochromacy



Original Color
51, 38.779, 26.187

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 13.123, 23.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 38.779, 26.187 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(183, 96, 94)` looks like.

```
.text, #text, p{  
  color:rgb(183, 96, 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(183, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 38.779, 26.187 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(183, 96, 94) }
```

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

```
.border{ border-color:rgb(183, 96, 94) }
```

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

Here you see how a box with a 4 pixel rgb(183, 96, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 38.779, 26.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 94) }
```

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

```
.background{ background-color: rgb(183, 96,  
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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