

Converting Colors

CIELCh(51, 23.046, 15.197)

Have a look what the booklet for
CIELCh(51, 23.046, 15.197) contains.

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Color

CIELCh(51, 23.085, 15.225)

Conversions

Conversions Part 1

Format	Color
Hex	A16B70
RGB	161, 107, 112
RGB Percent	63%, 42%, 44%
CMY	0.3685, 0.5803, 0.5607
CMYK	0.00, 0.34, 0.30, 0.37
HSL	354°, 22%, 53%
HSV	354°, 34%, 63%
XYZ	22.8873, 19.2686, 17.8474
YIQ	123.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

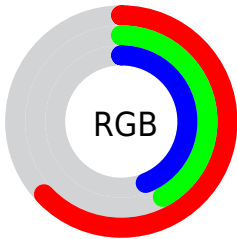
Format	Color
R_{YB}	161, 107, 112
Decimal	10578800
CIE _{Lab}	51.00, 22.27, 6.06
CIE _{LCh}	51, 23.085, 15.225
Yxy	19.2686, 0.3814, 0.3211
Android (android.graphics.Color)	4288768880 (0xFFA16B70)
YUV	123.7160, -5.7760, 32.6981
Hunter-Lab	43.8960, 16.2513, 6.6209

Details

The CIELCh color **51, 23.085, 15.225** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 19.160, 189.267**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 23.031, 14.868**, and **31, 23.084, 16.170** is the 20% darker color. If you saturate the color by 10%, you get **47, 30.746, 16.869**, and if you desaturate by 10%, it is **55, 15.727, 13.917**.

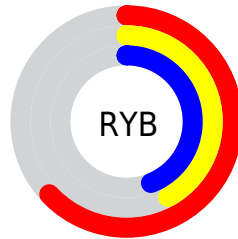
Distribution



Red (63%)

Green (42%)

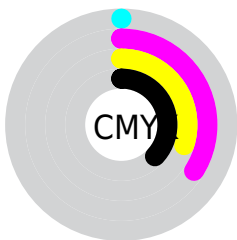
Blue (44%)



Red (63%)

Yellow (42%)

Blue (44%)

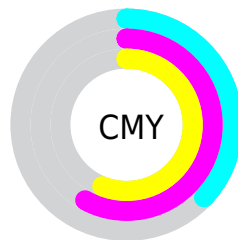


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 23.085, 15.225 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, 23.085, 15.225 by changing the saturation by 10% instead.

■ 51, 23.085, 15.225

■ 51, 23.085, 15.225

■ 100, 23.085,
15.225

■ 41, 23.085, 15.225

■ 71, 23.085, 15.225

■ 31, 23.085, 15.225

■ 81, 23.085, 15.225

■ 21, 23.085, 15.225

■ 91, 23.085, 15.225

■ 11, 23.085, 15.225

■ 1, 23.085, 15.225

■ 0, 23.085, 15.225

■ 51, 23.085, 15.225

■ 51, 23.085, 15.225

■ 47, 30.746, 16.869

■ 55, 15.727, 13.917

■ 43, 38.568, 18.945

■ 60, 8.761, 12.842

40, 46.333, 21.580

65, 2.215, 11.824

37, 53.784, 24.882

69, 3.913, 191.427

35, 60.673, 28.860

74, 9.645, 190.748

34, 66.739, 33.256

79, 15.014,
190.208

33, 70.238, 35.748

84, 20.055,
189.746

89, 24.805,
189.343

93, 29.296,
188.987

Harmonies

Complementary

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



51, 23.085, 15.225



63, 19.160, 189.267

Rectangle

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



51, 23.085, 15.225



51, 23.085, 65.225



51, 23.085, 195.225



51, 23.085, 245.225

Sweetspot

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



51, 23.083, 15.229



78, 7.920, 12.516



52, 35.881, 323.291



40, 5.416, 12.643



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 23.083, 15.229



62, 34.715, 16.373



56, 18.877, 60.602



32, 3.651, 12.429



30, 64.855, 35.341



1, 5.513, 12.466

Inverse Universe

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



51, 23.083, 15.229



62, 34.715, 16.373



56, 16.235, 248.589



32, 3.651, 12.429



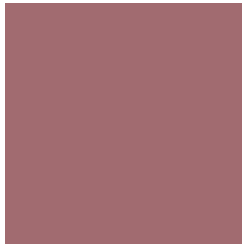
30, 64.855, 35.341



1, 5.513, 12.466

Previews

White Background



This preview shows how the CIE LCh color 51, 23.085, 15.225 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, 23.085, 15.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

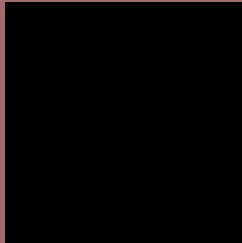
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 23.085, 15.225

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.085, 15.225.



This preview shows how white text looks on a background with the CIELCh color 51, 23.085, 15.225.

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

51, 23.085, 15.225

Protanopia

51, 1.336, 45.004

Deuteranopia

51, 9.802, 44.620



Tritanopia
51, 23.125, 10.965

Trichromacy



Original Color
51, 23.085, 15.225

Protanomaly
51, 8.711, 16.572

Deuteranomaly
51, 14.078, 25.693

Tritanomaly
51, 23.096, 12.382

Monochromacy



Original Color
51, 23.085, 15.225

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 7.884, 11.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 23.085, 15.225 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(161, 107, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 107, 112)  
}
```

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(161, 107, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 107, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.085, 15.225 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(161, 107, 112) }
```

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

```
.border{ border-color:rgb(161, 107, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 107, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 107, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 107, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 107,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.085, 15.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 107, 112) }
```

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

```
.background{ background-color: rgb(161,  
107, 112) }
```

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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