

Converting Colors

CIELCh(52, 32.257, 17.622)

Have a look what the booklet for
CIELCh(52, 32.257, 17.622) contains.

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Color

CIELCh(52, 32.257, 17.622)

Conversions

Conversions Part 1

Format	Color
Hex	B2676D
RGB	178, 103, 109
RGB Percent	70%, 40%, 43%
CMY	0.3035, 0.5975, 0.5739
CMYK	0.00, 0.42, 0.39, 0.30
HSL	355°, 33%, 55%
HSV	355°, 42%, 70%
XYZ	25.8254, 20.1443, 16.8968
YIQ	126.1090, 42.7740, 17.7660

Conversions

Conversions Part 2

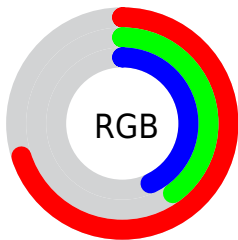
Format	Color
R_{YB}	178, 103, 109
Decimal	11691885
CIE _{Lab}	52.00, 30.74, 9.77
CIE _{LCh}	52, 32.257, 17.622
Yxy	20.1443, 0.4108, 0.3204
Android (android.graphics.Color)	4289881965 (0xFFB2676D)
YUV	126.1090, -8.4347, 45.5084
Hunter-Lab	44.8824, 24.1649, 9.0969

Details

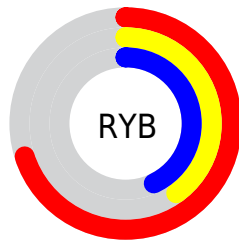
The CIELCh color **52, 32.257, 17.622** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 25.110, 189.723**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 32.460, 17.834**, and **32, 32.331, 17.474** is the 20% darker color. If you saturate the color by 10%, you get **48, 40.782, 19.656**, and if you desaturate by 10%, it is **57, 23.945, 16.028**.

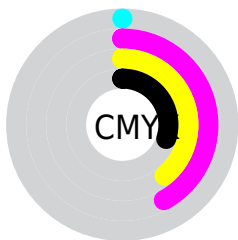
Distribution



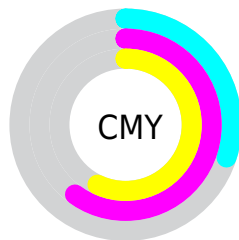
- Red (70%)
- Green (40%)
- Blue (43%)



- Red (70%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (30%)



- Cyan (30%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 32.257, 17.622 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 52, 32.257, 17.622 by changing the saturation by 10% instead.

■ 52, 32.257, 17.622

■ 52, 32.257, 17.622

■ 100, 32.257,
17.622

■ 42, 32.257, 17.622

■ 72, 32.257, 17.622

■ 32, 32.257, 17.622

■ 82, 32.257, 17.622

■ 22, 32.257, 17.622

■ 92, 32.257, 17.622

■ 12, 32.257, 17.622

■ 2, 32.257, 17.622

■ 0, 32.257, 17.622

■ 52, 32.257, 17.622

■ 52, 32.257, 17.622

■ 48, 40.782, 19.656

■ 57, 23.945, 16.028

■ 44, 49.299, 22.242

■ 61, 16.003, 14.755

41, 57.527, 25.492

66, 8.508, 13.712

39, 65.180, 29.411

71, 1.486, 12.608

37, 71.929, 33.728

76, 5.073, 192.349

37, 76.357, 36.685

82, 11.198,
191.716

87, 16.927,
191.206

92, 22.301,
190.772

95, 24.662,
197.897

Harmonies

Complementary

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



52, 32.257, 17.622



68, 25.110, 189.723

Rectangle

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



52, 32.257, 17.622



52, 32.257, 67.622



52, 32.257, 197.622



52, 32.257, 247.622

Sweetspot

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



52, 32.255, 17.625



84, 11.304, 13.811



54, 48.799, 324.182



44, 8.033, 14.028



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



52, 32.255, 17.625



62, 49.488, 19.585



59, 26.507, 61.548



35, 3.926, 13.437



31, 67.993, 36.177



2, 9.204, 14.271

Inverse Universe

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



52, 32.255, 17.625



62, 49.488, 19.585



59, 22.029, 252.640



35, 3.926, 13.437



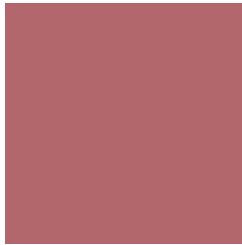
31, 67.993, 36.177



2, 9.204, 14.271

Previews

White Background



This preview shows how the CIELCh color 52, 32.257, 17.622 looks on a white background.

Color Contrast Check

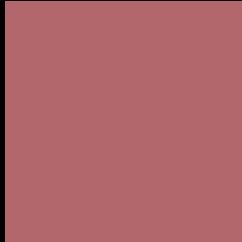
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 32.257, 17.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

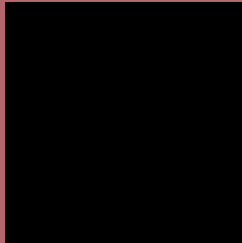
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 32.257, 17.622

Background



This preview shows how black text looks on a background with the CIELCh color 52, 32.257, 17.622.



This preview shows how white text looks on a background with the CIELCh color 52, 32.257, 17.622.

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

52, 32.257, 17.622

Protanopia

52, 2.813, 74.599

Deuteranopia

52, 12.857, 58.896



Tritanopia
52, 32.645, 15.810

Trichromacy



Original Color
52, 32.257, 17.622

Protanomaly
52, 12.565, 20.830

Deuteranomaly
52, 18.709, 33.729

Tritanomaly
52, 32.645, 15.810

Monochromacy



Original Color
52, 32.257, 17.622

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 11.225, 14.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 32.257, 17.622 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(178, 103, 109)` looks like.

```
.text, #text, p{  
    color:rgb(178, 103, 109)  
}
```

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(178, 103, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 103, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 32.257, 17.622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

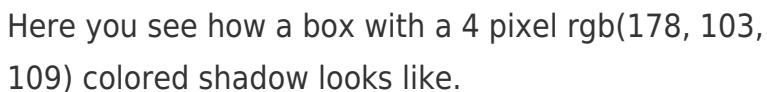
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 103, 109) }
```

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

```
.border{ border-color:rgb(178, 103, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 103, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 103, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 103, 109);  
box-shadow:4px 4px 4px 4px rgb(178, 103,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 32.257, 17.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 103, 109) }
```

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

```
.background{ background-color: rgb(178,  
103, 109) }
```

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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