

Converting Colors

CIELCh(52, 19.243, 51.279)

Have a look what the booklet for
CIELCh(52, 19.243, 51.279) contains.

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Color

CIELCh(52, 19.275, 51.167)

Conversions

Conversions Part 1

Format	Color
Hex	997463
RGB	153, 116, 99
RGB Percent	60%, 45%, 39%
CMY	0.4002, 0.5453, 0.6120
CMYK	0.00, 0.24, 0.35, 0.40
HSL	19°, 21%, 49%
HSV	19°, 35%, 60%
XYZ	21.6142, 20.1443, 14.5399
YIQ	125.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

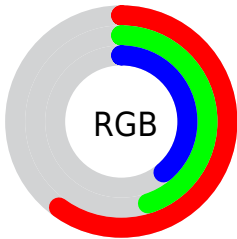
Format	Color
R_{YB}	153, 124, 99
Decimal	10056803
CIE Lab	52.00, 12.09, 15.01
CIE LCh	52, 19.275, 51.167
Yxy	20.1443, 0.3839, 0.3578
Android (android.graphics.Color)	4288246883 (0xFF997463)
YUV	125.1250, -12.8796, 24.4464
Hunter-Lab	44.8824, 7.4166, 12.2104

Details

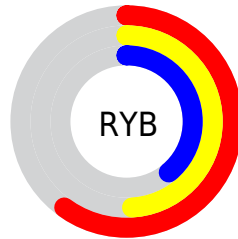
The CIELCh color **52, 19.275, 51.167** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55, 15.693, 237.278**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 19.085, 51.023**, and **32, 19.589, 51.861** is the 20% darker color. If you saturate the color by 10%, you get **49, 25.676, 50.726**, and if you desaturate by 10%, it is **55, 13.308, 51.709**.

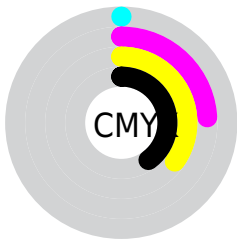
Distribution



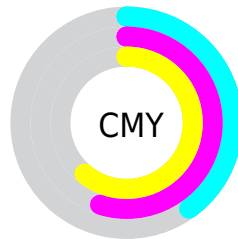
- Red (60%)
- Green (45%)
- Blue (39%)



- Red (60%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 19.275, 51.167 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, 19.275, 51.167 by changing the saturation by 10% instead.

■ 52, 19.275, 51.167

■ 52, 19.275, 51.167

■ 100, 19.275,
51.167

■ 42, 19.275, 51.167

■ 72, 19.275, 51.167

■ 32, 19.275, 51.167

■ 82, 19.275, 51.167

■ 22, 19.275, 51.167

■ 92, 19.275, 51.167

■ 12, 19.275, 51.167

■ 2, 19.275, 51.167

■ 0, 19.275, 51.167

■ 52, 19.275, 51.167

■ 52, 19.275, 51.167

■ 49, 25.676, 50.726

■ 55, 13.308, 51.709

■ 46, 32.508, 50.380

■ 58, 7.758, 52.306

43, 39.710, 50.129

61, 2.593, 52.876

41, 47.119, 49.917

65, 2.226, 233.929

39, 54.352, 49.578

68, 6.734, 234.541

37, 60.683, 48.783

71, 10.968,
235.263

36, 63.693, 48.673

75, 14.961,
236.000

78, 18.743,
236.735

81, 22.340,
237.460

Harmonies

Complementary

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



52, 19.275, 51.167



55, 15.693, 237.278

Rectangle

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



52, 19.275, 51.167



52, 19.275, 101.167



52, 19.275, 231.167



52, 19.275, 281.167

Sweetspot

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



52, 19.274, 51.174



76, 6.806, 52.556



49, 30.246, 336.820



39, 4.582, 52.482



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 19.274, 51.174



64, 29.218, 50.828



59, 24.647, 96.354



31, 2.804, 52.674



33, 59.526, 48.861



2, 2.945, 52.743

Inverse Universe

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



55, 15.693, 237.278



68, 22.586, 238.572



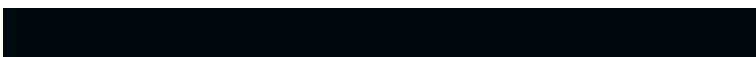
47, 25.697, 285.466



31, 2.677, 234.226



38, 31.790, 257.591



2, 2.944, 234.844

Previews

White Background



This preview shows how the CIELCh color 52, 19.275, 51.167 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 52, 19.275, 51.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

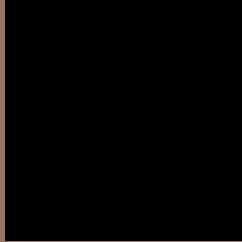
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.275, 51.167

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.275, 51.167.



This preview shows how white text looks on a background with the CIELCh color 52, 19.275, 51.167.

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, 19.275, 51.167

Protanopia

52, 12.482, 94.753

Deuteranopia

52, 16.827, 65.856



Tritanopia
52, 17.958, 6.817

Trichromacy



Original Color
52, 19.275, 51.167

Protanomaly
52, 13.530, 73.625

Deuteranomaly
52, 17.752, 60.601

Tritanomaly
52, 17.010, 23.293

Monochromacy



Original Color
52, 19.275, 51.167

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.410, 52.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.275, 51.167 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(153, 116, 99)` looks like.

```
.text, #text, p{  
    color:rgb(153, 116, 99)  
}
```

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(153, 116, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 116, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.275, 51.167 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(153, 116, 99) }
```

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

```
.border{ border-color:rgb(153, 116, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 116, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 116, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 116, 99);  
box-shadow:4px 4px 4px 4px rgb(153, 116,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.275, 51.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 116, 99) }
```

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

```
.background{ background-color: rgb(153,  
116, 99) }
```

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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