

Converting Colors

CIELCh(52, 16.543, 34.649)

Have a look what the booklet for
CIELCh(52, 16.543, 34.649) contains.

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Color

CIELCh(52, 16.324, 33.276)

Conversions

Conversions Part 1

Format	Color
Hex	98736D
RGB	152, 115, 109
RGB Percent	60%, 45%, 43%
CMY	0.4027, 0.5479, 0.5714
CMYK	0.00, 0.24, 0.28, 0.40
HSL	8°, 17%, 51%
HSV	8°, 28%, 60%
XYZ	21.9475, 20.1443, 17.2812
YIQ	125.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

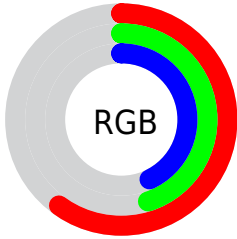
Format	Color
R_{YB}	152, 116, 109
Decimal	9991021
CIE _{Lab}	52.00, 13.65, 8.96
CIE _{LCh}	52, 16.324, 33.276
Yxy	20.1443, 0.3697, 0.3393
Android (android.graphics.Color)	4288181101 (0xFF98736D)
YUV	125.3790, -8.0748, 23.3466
Hunter-Lab	44.8824, 8.7424, 8.5892

Details

The CIELCh color **52, 16.324, 33.276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 13.447, 213.062**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 16.391, 33.993**, and **32, 16.166, 32.987** is the 20% darker color. If you saturate the color by 10%, you get **48, 23.014, 33.813**, and if you desaturate by 10%, it is **56, 10.122, 32.935**.

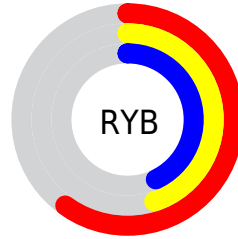
Distribution



Red (60%)

Green (45%)

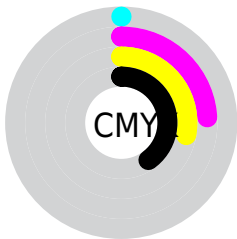
Blue (43%)



Red (60%)

Yellow (45%)

Blue (43%)

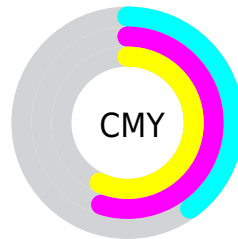


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 16.324, 33.276 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, 16.324, 33.276 by changing the saturation by 10% instead.

■ 52, 16.324, 33.276

■ 52, 16.324, 33.276

■ 100, 16.324,
33.276

■ 42, 16.324, 33.276

■ 72, 16.324, 33.276

■ 32, 16.324, 33.276

■ 82, 16.324, 33.276

■ 22, 16.324, 33.276

■ 92, 16.324, 33.276

■ 12, 16.324, 33.276

■ 2, 16.324, 33.276

■ 0, 16.324, 33.276

■ 52, 16.324, 33.276

■ 52, 16.324, 33.276

■ 48, 23.014, 33.813

■ 56, 10.122, 32.935

■ 45, 30.185, 34.579

■ 60, 4.392, 32.693

42, 37.784, 35.630

64, 0.899, 213.229

39, 45.691, 36.993

68, 5.792, 212.817

36, 53.660, 38.619

72, 10.329,
212.860

34, 61.180, 40.270

76, 14.551,
212.971

33, 67.490, 41.653

32, 68.514, 41.958

80, 18.495,
213.121

84, 22.197,
213.297

88, 25.686,
213.491

Harmonies

Complementary

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



52, 16.324, 33.276



58, 13.447, 213.062

Rectangle

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



52, 16.324, 33.276



52, 16.324, 83.276



52, 16.324, 213.276



52, 16.324, 263.276

Sweetspot

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



52, 16.323, 33.283



76, 5.294, 32.691



52, 27.114, 329.955



39, 3.774, 32.725



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, 16.323, 33.283



64, 25.068, 33.600



58, 16.878, 84.786



30, 3.033, 32.717



30, 64.027, 41.762



1, 3.174, 32.472

Inverse Universe

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



58, 13.447, 213.062



73, 19.622, 213.280



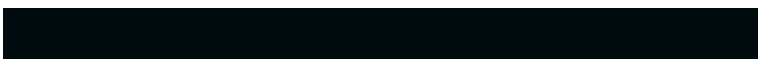
52, 16.576, 272.612



32, 2.863, 212.823



46, 28.032, 221.779



2, 3.140, 214.104

Previews

White Background



This preview shows how the CIELCh color 52, 16.324, 33.276 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, 16.324, 33.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

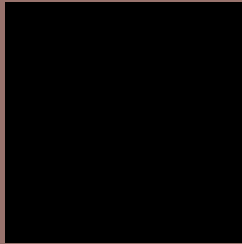
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 16.324, 33.276

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.324, 33.276.



This preview shows how white text looks on a background with the CIELCh color 52, 16.324, 33.276.

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, 16.324, 33.276

Protanopia

52, 6.129, 89.707

Deuteranopia

52, 11.743, 56.150



Tritanopia
52, 17.658, 4.573

Trichromacy



Original Color
52, 16.324, 33.276

Protanomaly
52, 8.523, 57.416

Deuteranomaly
52, 13.403, 45.910

Tritanomaly
52, 16.424, 15.354

Monochromacy



Original Color
52, 16.324, 33.276

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 5.857, 31.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.324, 33.276 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(152, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(152, 115, 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(152, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 115, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.324, 33.276 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(152, 115, 109) }
```

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

```
.border{ border-color:rgb(152, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(152, 115,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.324, 33.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 115, 109) }
```

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

```
.background{ background-color: rgb(152,  
115, 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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