

Converting Colors

CIELCh(52, 9.708, 33.068)

Have a look what the booklet for
CIELCh(52, 9.708, 33.068) contains.

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Color

CIELCh(52, 9.924, 33.799)

Conversions

Conversions Part 1

Format	Color
Hex	8E7773
RGB	142, 119, 115
RGB Percent	56%, 47%, 45%
CMY	0.4436, 0.5337, 0.5494
CMYK	0.00, 0.16, 0.19, 0.44
HSL	9°, 11%, 50%
HSV	9°, 19%, 56%
XYZ	20.8086, 20.1443, 18.9790
YIQ	125.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

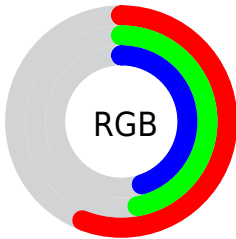
Format	Color
R_{YB}	142, 120, 115
Decimal	9336691
CIE Lab	52.00, 8.25, 5.52
CIE LCh	52, 9.924, 33.799
Yxy	20.1443, 0.3472, 0.3361
Android (android.graphics.Color)	4287526771 (0xFF8E7773)
YUV	125.4210, -5.1376, 14.5398
Hunter-Lab	44.8824, 4.2128, 6.3463

Details

The CIELCh color $52, 9.924, 33.799$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 8.766, 213.878$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 9.964, 32.682$, and $32, 9.661, 35.787$ is the 20% darker color. If you saturate the color by 10%, you get $48, 15.767, 34.120$, and if you desaturate by 10%, it is $56, 4.521, 33.607$.

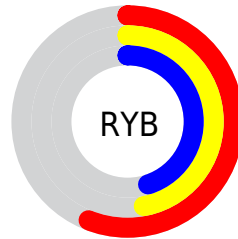
Distribution



Red (56%)

Green (47%)

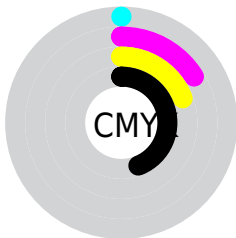
Blue (45%)



Red (56%)

Yellow (47%)

Blue (45%)

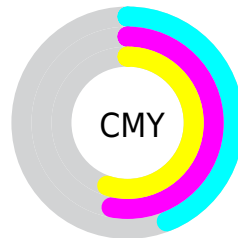


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 9.924, 33.799 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, 9.924, 33.799 by changing the saturation by 10% instead.

 52, 9.924, 33.799  52, 9.924, 33.799

 100, 9.924, 33.799  42, 9.924, 33.799

 72, 9.924, 33.799  32, 9.924, 33.799

 82, 9.924, 33.799  22, 9.924, 33.799

 92, 9.924, 33.799  12, 9.924, 33.799

 2, 9.924, 33.799

 0, 9.924, 33.799

 52, 9.924, 33.799  52, 9.924, 33.799

 48, 15.767, 34.120  56, 4.521, 33.607

 45, 22.071, 34.608  59, 0.470, 214.573

42, 28.825, 35.323

63, 5.088, 213.789

39, 35.983, 36.312

67, 9.371, 213.854

36, 43.431, 37.595

71, 13.359,
213.990

34, 50.940, 39.119

74, 17.085,
214.165

32, 58.022, 40.643

30, 63.944, 41.885

78, 20.583,
214.366

30, 64.475, 42.032

82, 23.879,
214.584

86, 27.000,
214.811

Harmonies

Complementary

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



52, 9.924, 33.799



56, 8.766, 213.878

Rectangle

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



52, 9.924, 33.799



52, 9.924, 83.799



52, 9.924, 213.799



52, 9.924, 263.799

Sweetspot

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



52, 9.923, 33.809



72, 3.666, 33.539



52, 17.229, 329.393



37, 2.428, 33.554



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 9.923, 33.809



64, 15.075, 33.929



56, 10.604, 85.995



28, 2.845, 33.610



29, 61.906, 41.879



1, 1.858, 33.653

Inverse Universe

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



56, 8.766, 213.878



70, 12.894, 213.973



52, 10.484, 271.013



29, 2.687, 213.789



44, 27.225, 223.477



1, 1.858, 213.672

Previews

White Background



This preview shows how the CIELCh color 52, 9.924, 33.799 looks on a white background.

Color Contrast Check

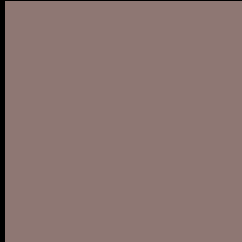
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.924, 33.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

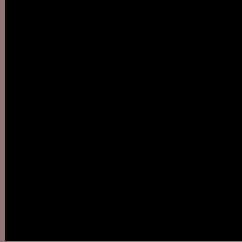
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 9.924, 33.799

Background



This preview shows how black text looks on a background with the CIELCh color 52, 9.924, 33.799.



This preview shows how white text looks on a background with the CIELCh color 52, 9.924, 33.799.

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, 9.924, 33.799

Protanopia

52, 4.354, 87.550

Deuteranopia

52, 8.862, 39.170



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 9.924, 33.799

Protanomaly
52, 5.718, 57.012

Deuteranomaly
52, 9.268, 38.347

Tritanomaly
52, 10.514, 7.955

Monochromacy



Original Color
52, 9.924, 33.799

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.444, 39.219

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 52, 9.924, 33.799 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(142, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 115)  
}
```

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(142, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 9.924, 33.799 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(142, 119, 115) }
```

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

```
.border{ border-color:rgb(142, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 9.924, 33.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 115) }
```

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

```
.background{ background-color: rgb(142,  
119, 115) }
```

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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