

Converting Colors

CIELCh(52, 16.632, 94.418)

Have a look what the booklet for
CIELCh(52, 16.632, 94.418) contains.

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Color

CIELCh(52, 16.608, 94.441)

Conversions

Conversions Part 1

Format	Color
Hex	857C60
RGB	133, 124, 96
RGB Percent	52%, 49%, 38%
CMY	0.4796, 0.5149, 0.6246
CMYK	0.00, 0.07, 0.28, 0.48
HSL	45°, 16%, 45%
HSV	45°, 28%, 52%
XYZ	18.8957, 20.1443, 13.8913
YIQ	123.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

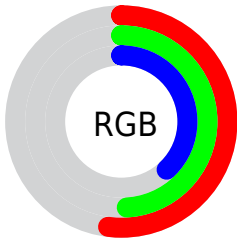
Format	Color
RYB	108, 133, 96
Decimal	8748128
CIELab	52.00, -1.29, 16.56
CIELCh	52, 16.608, 94.441
Yxy	20.1443, 0.3570, 0.3806
Android (android.graphics.Color)	4286938208 (0xFF857C60)
YUV	123.4990, -13.5570, 8.3324
Hunter-Lab	44.8824, -3.3951, 13.0673

Details

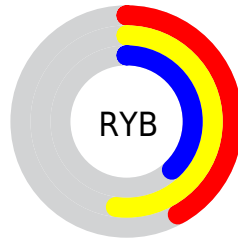
The CIELCh color **52, 16.608, 94.441** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **45, 16.950, 281.513**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 16.309, 92.908**, and **32, 16.755, 93.656** is the 20% darker color. If you saturate the color by 10%, you get **51, 22.637, 93.225**, and if you desaturate by 10%, it is **53, 10.598, 95.636**.

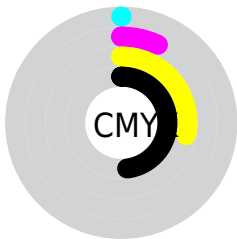
Distribution



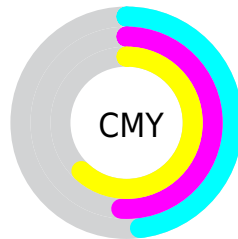
- Red (52%)
- Green (49%)
- Blue (38%)



- Red (42%)
- Yellow (52%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 16.608, 94.441 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, 16.608, 94.441 by changing the saturation by 10% instead.

■ 52, 16.608, 94.441

■ 52, 16.608, 94.441

■ 100, 16.608,
94.441

■ 42, 16.608, 94.441

■ 72, 16.608, 94.441

■ 32, 16.608, 94.441

■ 82, 16.608, 94.441

■ 22, 16.608, 94.441

■ 92, 16.608, 94.441

■ 12, 16.608, 94.441

■ 2, 16.608, 94.441

■ 0, 16.608, 94.441

■ 52, 16.608, 94.441

■ 52, 16.608, 94.441

■ 51, 22.637, 93.225

■ 53, 10.598, 95.636

■ 50, 28.622, 91.976

■ 54, 4.637, 96.778

49, 34.457, 90.701

56, 1.258, 278.034

48, 39.957, 89.391

57, 7.080, 279.023

47, 44.823, 88.025

58, 12.828,
280.046

46, 48.630, 86.554

60, 18.502,
281.028

45, 51.259, 84.959

44, 51.850, 84.636

61, 24.106,
281.963

62, 29.642,
282.851

64, 35.113,
283.693

Harmonies

Complementary

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



52, 16.608, 94.441



45, 16.950, 281.513

Rectangle

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



52, 16.608, 94.441



52, 16.608, 144.441



52, 16.608, 274.441



52, 16.608, 324.441

Sweetspot

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



52, 16.609, 94.447



70, 5.868, 96.743



45, 16.541, 2.439



36, 4.157, 96.595



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 16.609, 94.447



66, 24.522, 93.731



54, 21.406, 118.220



27, 3.325, 96.638



44, 51.107, 84.678



1, 0.795, 97.688

Inverse Universe

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



45, 16.950, 281.513



55, 25.166, 282.542



43, 22.648, 301.884



26, 3.351, 278.795



18, 65.630, 299.980



0, 0.795, 277.693

Previews

White Background



This preview shows how the CIELCh color 52, 16.608, 94.441 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, 16.608, 94.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

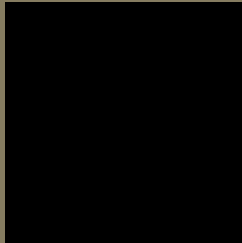
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 16.608, 94.441

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.608, 94.441.



This preview shows how white text looks on a background with the CIELCh color 52, 16.608, 94.441.

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, 16.608, 94.441

Protanopia

52, 16.507, 95.919

Deuteranopia

52, 17.277, 67.021



Tritanopia
52, 9.266, 341.763

Trichromacy



Original Color
52, 16.608, 94.441

Protanomaly
52, 16.507, 95.919

Deuteranomaly
52, 16.505, 76.268

Tritanomaly
52, 6.232, 41.661

Monochromacy



Original Color
52, 16.608, 94.441

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.012, 93.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.608, 94.441 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(133, 124, 96)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 96)  
}
```

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(133, 124, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.608, 94.441 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(133, 124, 96) }
```

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

```
.border{ border-color:rgb(133, 124, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 124, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 96);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.608, 94.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 96) }
```

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

```
.background{ background-color: rgb(133,  
124, 96) }
```

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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