

Converting Colors

CIELCh(52, 44.002, 70.916)

Have a look what the booklet for
CIELCh(52, 44.002, 70.916) contains.

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Color

CIELCh(52, 44.062, 70.858)

Conversions

Conversions Part 1

Format	Color
Hex	A57133
RGB	165, 113, 51
RGB Percent	65%, 44%, 20%
CMY	0.3517, 0.5558, 0.7990
CMYK	0.00, 0.31, 0.69, 0.35
HSL	33°, 53%, 42%
HSV	33°, 69%, 65%
XYZ	22.1199, 20.1443, 5.8844
YIQ	121.4800, 50.8940, -8.2580

Conversions

Conversions Part 2

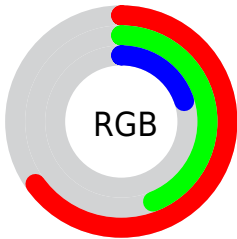
Format	Color
R_{YB}	147, 165, 51
Decimal	10842419
CIE _{Lab}	52.00, 14.45, 41.63
CIE _{LCh}	52, 44.062, 70.858
Yxy	20.1443, 0.4594, 0.4184
Android (android.graphics.Color)	4289032499 (0xFFA57133)
YUV	121.4800, -34.7466, 38.1670
Hunter-Lab	44.8824, 9.4279, 23.6443

Details

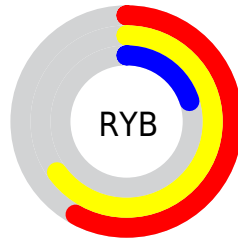
The CIELCh color **52, 44.062, 70.858** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **43, 38.656, 275.284**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 44.096, 71.226**, and **32, 44.187, 70.802** is the 20% darker color. If you saturate the color by 10%, you get **50, 50.476, 69.239**, and if you desaturate by 10%, it is **54, 37.291, 72.315**.

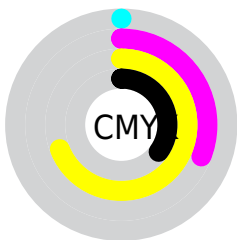
Distribution



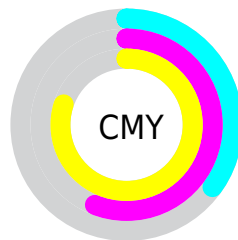
- Red (65%)
- Green (44%)
- Blue (20%)



- Red (58%)
- Yellow (65%)
- Blue (20%)



- Cyan (0%)
- Magenta (31%)
- Yellow (69%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 44.062, 70.858 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, 44.062, 70.858 by changing the saturation by 10% instead.

■ 52, 44.062, 70.858

■ 52, 44.062, 70.858

■ 100, 44.062,
70.858

■ 42, 44.062, 70.858

■ 72, 44.062, 70.858

■ 32, 44.062, 70.858

■ 82, 44.062, 70.858

■ 22, 44.062, 70.858

■ 92, 44.062, 70.858

■ 12, 44.062, 70.858

■ 2, 44.062, 70.858

■ 0, 44.062, 70.858

■ 52, 44.062, 70.858

■ 52, 44.062, 70.858

■ 50, 50.476, 69.239

■ 54, 37.291, 72.315

■ 48, 55.955, 67.264

■ 56, 30.493, 73.690

46, 60.138, 64.859

59, 23.832, 75.025

46, 60.586, 64.645

61, 17.381, 76.333

63, 11.165, 77.612

66, 5.182, 78.843

68, 0.579, 260.628

71, 6.136, 261.365

73, 11.508,
262.491

Harmonies

Complementary

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



52, 44.062, 70.858



43, 38.656, 275.284

Rectangle

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



52, 44.062, 70.858



52, 44.062, 120.858



52, 44.062, 250.858



52, 44.062, 300.858

Sweetspot

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



52, 44.061, 70.862



79, 15.316, 77.310



40, 51.445, 354.573



41, 10.401, 76.978



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 44.061, 70.862



63, 65.079, 68.210



66, 57.928, 105.755



33, 3.228, 78.812



41, 55.051, 65.070



3, 4.765, 74.603

Inverse Universe

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



43, 38.656, 275.284



50, 57.442, 281.271



29, 71.578, 301.875



33, 3.181, 261.265



29, 50.764, 287.190



2, 5.153, 264.194

Previews

White Background



This preview shows how the CIELCh color 52, 44.062, 70.858 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, 44.062, 70.858 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, 44.062, 70.858

Background



This preview shows how black text looks on a background with the CIELCh color 52, 44.062, 70.858.



This preview shows how white text looks on a background with the CIELCh color 52, 44.062, 70.858.

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, 44.062, 70.858

Protanopia

52, 39.436, 96.246

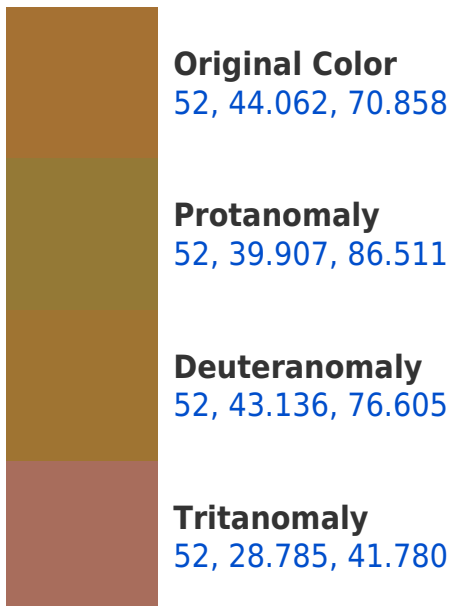
Deuteranopia

52, 42.496, 80.459

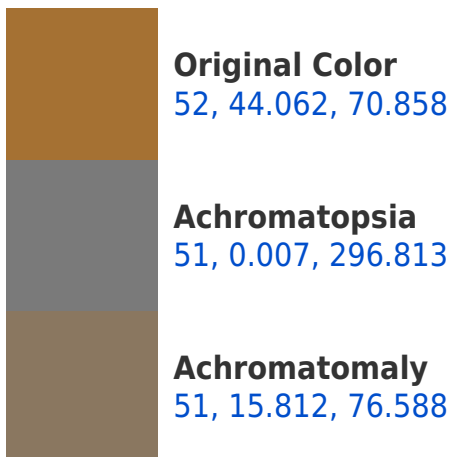


Tritanopia
52, 26.491, 12.937

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 44.062, 70.858 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(165, 113, 51)` looks like.

```
.text, #text, p{  
    color:rgb(165, 113, 51)  
}
```

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(165, 113, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 113, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 44.062, 70.858 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(165, 113, 51) }
```

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

```
.border{ border-color:rgb(165, 113, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 113, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 113, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 113, 51);  
box-shadow:4px 4px 4px 4px rgb(165, 113,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 44.062, 70.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 113, 51) }
```

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

```
.background{ background-color: rgb(165,  
113, 51) }
```

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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