

Converting Colors

CIELCh(44, 28.581, 56.704)

Have a look what the booklet for
CIELCh(44, 28.581, 56.704) contains.

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Color

CIELCh(44, 28.677, 56.202)

Conversions

Conversions Part 1

Format	Color
Hex	8C5D41
RGB	140, 93, 65
RGB Percent	55%, 36%, 25%
CMY	0.4502, 0.6346, 0.7444
CMYK	0.00, 0.34, 0.54, 0.45
HSL	22°, 37%, 40%
HSV	22°, 54%, 55%
XYZ	15.7399, 13.8382, 6.8691
YIQ	103.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

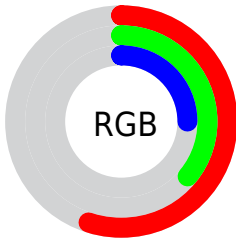
Format	Color
R_{YB}	140, 110, 65
Decimal	9198913
CIE _{Lab}	44.00, 15.95, 23.83
CIE _{LCh}	44, 28.677, 56.202
Yxy	13.8382, 0.4319, 0.3797
Android (android.graphics.Color)	4287388993 (0xFF8C5D41)
YUV	103.8610, -19.1585, 31.6939
Hunter-Lab	37.1997, 10.4269, 15.0917

Details

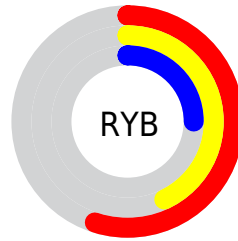
The CIELCh color **44, 28.677, 56.202** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 21.664, 249.317**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 28.851, 56.945**, and **24, 28.799, 56.794** is the 20% darker color. If you saturate the color by 10%, you get **42, 35.101, 55.533**, and if you desaturate by 10%, it is **47, 22.562, 56.927**.

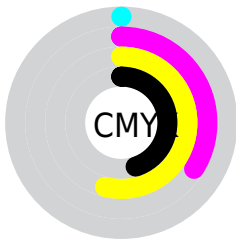
Distribution



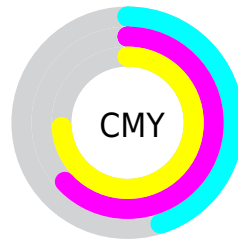
- Red (55%)
- Green (36%)
- Blue (25%)



- Red (55%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 28.677, 56.202 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 44, 28.677, 56.202 by changing the saturation by 10% instead.

■ 44, 28.677, 56.202 ■ 44, 28.677, 56.202

■ 100, 28.677, 56.202 ■ 34, 28.677, 56.202

■ 64, 28.677, 56.202 ■ 24, 28.677, 56.202

■ 74, 28.677, 56.202 ■ 14, 28.677, 56.202

■ 84, 28.677, 56.202 ■ 4, 28.677, 56.202

■ 94, 28.677, 56.202 ■ 0, 28.677, 56.202

■ 44, 28.677, 56.202 ■ 44, 28.677, 56.202

■ 42, 35.101, 55.533 ■ 47, 22.562, 56.927

■ 39, 41.708, 54.858 ■ 49, 16.803, 57.703

37, 48.199, 54.051

52, 11.402, 58.526

35, 53.980, 52.825

55, 6.342, 59.374

34, 57.748, 52.293

57, 1.595, 60.106

60, 2.868, 241.364

63, 7.080, 242.203

66, 11.069,
243.090

69, 14.862,
243.972

Harmonies

Complementary

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



44, 28.677, 56.202



45, 21.664, 249.317

Rectangle

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



44, 28.677, 56.202



44, 28.677, 106.202



44, 28.677, 236.202



44, 28.677, 286.202

Sweetspot

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



44, 28.676, 56.207



68, 9.336, 59.135



39, 39.969, 341.677



35, 6.390, 58.982



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 28.676, 56.207



53, 43.805, 55.412



54, 36.561, 98.381



28, 2.572, 59.737



32, 55.283, 52.434



1, 1.165, 60.640

Inverse Universe

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



45, 21.664, 249.317



55, 30.807, 252.792



34, 40.624, 292.544



28, 2.476, 241.639



34, 33.716, 266.952



1, 1.165, 240.657

Previews

White Background



This preview shows how the CIELCh color 44, 28.677, 56.202 looks on a white background.

Color Contrast Check

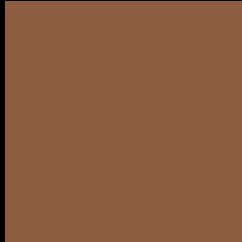
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 44, 28.677, 56.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

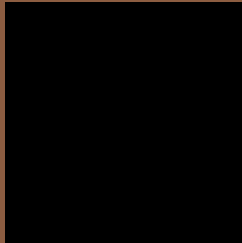
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 28.677, 56.202

Background



This preview shows how black text looks on a background with the CIELCh color 44, 28.677, 56.202.



This preview shows how white text looks on a background with the CIELCh color 44, 28.677, 56.202.

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

44, 28.677, 56.202

Protanopia

44, 20.555, 95.556

Deuteranopia

44, 24.930, 77.319



Tritanopia
44, 23.822, 12.981

Trichromacy



Original Color
44, 28.677, 56.202

Protanomaly
44, 22.086, 78.049

Deuteranomaly
44, 26.028, 69.990

Tritanomaly
44, 23.560, 31.019

Monochromacy



Original Color
44, 28.677, 56.202

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.618, 58.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 28.677, 56.202 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(140, 93, 65)` looks like.

```
.text, #text, p{  
    color:rgb(140, 93, 65)  
}
```

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(140, 93, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 93, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 28.677, 56.202 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(140, 93, 65) }
```

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

```
.border{ border-color:rgb(140, 93, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 93, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 93, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 93, 65);  
box-shadow:4px 4px 4px 4px rgb(140, 93,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 28.677, 56.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 93, 65) }
```

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

```
.background{ background-color: rgb(140, 93,  
65) }
```

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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