

Converting Colors

CIELCh(41, 25.157, 17.898)

Have a look what the booklet for
CIELCh(41, 25.157, 17.898) contains.

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Color

CIELCh(41, 25.157, 17.898)

Conversions

Conversions Part 1

Format	Color
Hex	895155
RGB	137, 81, 85
RGB Percent	54%, 32%, 33%
CMY	0.4627, 0.6823, 0.6666
CMYK	0.00, 0.41, 0.38, 0.46
HSL	356°, 26%, 43%
HSV	356°, 41%, 54%
XYZ	14.9049, 11.8645, 10.1031
YIQ	98.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

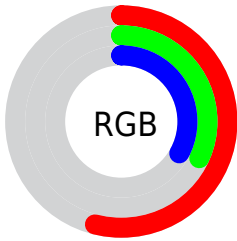
Format	Color
R_{YB}	137, 81, 85
Decimal	8999253
CIE _{Lab}	41.00, 23.94, 7.73
CIE _{LCh}	41, 25.157, 17.898
Yxy	11.8645, 0.4042, 0.3218
Android (android.graphics.Color)	4287189333 (0xFF895155)
YUV	98.2000, -6.5076, 34.0276
Hunter-Lab	34.4449, 16.9613, 6.7209

Details

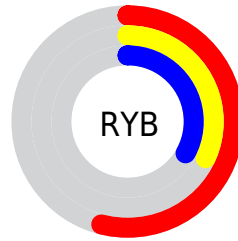
The CIELCh color **41, 25.157, 17.898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 19.774, 190.697**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 25.170, 17.107**, and **21, 25.531, 17.651** is the 20% darker color. If you saturate the color by 10%, you get **38, 32.062, 19.770**, and if you desaturate by 10%, it is **45, 18.465, 16.425**.

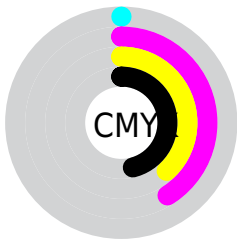
Distribution



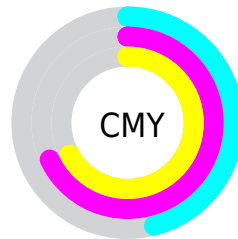
- Red (54%)
- Green (32%)
- Blue (33%)



- Red (54%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 25.157, 17.898 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 41, 25.157, 17.898 by changing the saturation by 10% instead.

■ 41, 25.157, 17.898

■ 41, 25.157, 17.898

■ 100, 25.157,
17.898

■ 31, 25.157, 17.898

■ 61, 25.157, 17.898

■ 21, 25.157, 17.898

■ 71, 25.157, 17.898

■ 11, 25.157, 17.898

■ 81, 25.157, 17.898

■ 1, 25.157, 17.898

■ 91, 25.157, 17.898

■ 0, 25.157, 17.898

■ 41, 25.157, 17.898

■ 41, 25.157, 17.898

■ 38, 32.062, 19.770

■ 45, 18.465, 16.425

■ 34, 39.024, 22.142

■ 49, 12.095, 15.241

32, 45.833, 25.125

53, 6.093, 14.262

30, 52.262, 28.754

57, 0.472, 12.686

29, 58.060, 32.854

61, 4.780, 192.996

28, 62.597, 35.999

65, 9.687, 192.410

69, 14.281,
191.933

74, 18.594,
191.526

78, 22.658,
191.172

Harmonies

Complementary

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



41, 25.157, 17.898



53, 19.774, 190.697

Rectangle

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



41, 25.157, 17.898



41, 25.157, 67.898



41, 25.157, 197.898



41, 25.157, 247.898

Sweetspot

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



41, 25.155, 17.902



67, 8.388, 14.391



42, 38.317, 324.087



34, 5.562, 14.491



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 25.155, 17.902



49, 38.264, 19.606



47, 20.629, 61.763



27, 3.158, 14.106



27, 60.958, 35.771



0, 1.424, 13.487

Inverse Universe

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



41, 25.155, 17.902



49, 38.264, 19.606



46, 17.334, 252.140



27, 3.158, 14.106



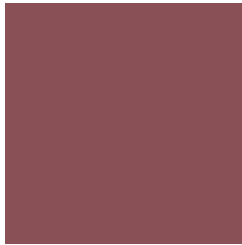
27, 60.958, 35.771



0, 1.424, 13.487

Previews

White Background



This preview shows how the CIELCh color 41, 25.157, 17.898 looks on a white background.

Color Contrast Check

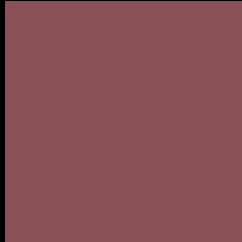
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 41, 25.157, 17.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

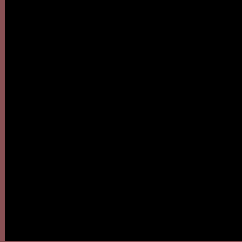
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.157, 17.898

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.157, 17.898.



This preview shows how white text looks on a background with the CIELCh color 41, 25.157, 17.898.

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

41, 25.157, 17.898

Protanopia

41, 2.721, 81.847

Deuteranopia

41, 10.505, 55.124



Tritanopia
41, 25.078, 15.186

Trichromacy



Original Color
41, 25.157, 17.898

Protanomaly
41, 9.653, 24.244

Deuteranomaly
41, 14.786, 32.942

Tritanomaly
41, 25.110, 16.544

Monochromacy



Original Color
41, 25.157, 17.898

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 8.667, 16.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.157, 17.898 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(137, 81, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 81, 85)  
}
```

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(137, 81, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 81, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.157, 17.898 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(137, 81, 85) }
```

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

```
.border{ border-color:rgb(137, 81, 85) }
```

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

Here you see how a box with a 4 pixel rgb(137, 81, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 81, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 81, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 81,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.157, 17.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 81, 85) }
```

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

```
.background{ background-color: rgb(137, 81,  
85) }
```

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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