

Converting Colors

CIELCh(41, 18.336, 8.988)

Have a look what the booklet for
CIELCh(41, 18.336, 8.988) contains.

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Color

CIELCh(41, 18.300, 8.955)

Conversions

Conversions Part 1

Format	Color
Hex	7F565D
RGB	127, 86, 93
RGB Percent	50%, 34%, 36%
CMY	0.5035, 0.6641, 0.6367
CMYK	0.00, 0.32, 0.27, 0.50
HSL	350°, 19%, 42%
HSV	350°, 32%, 50%
XYZ	13.9536, 11.8645, 11.8274
YIQ	99.0570, 22.1890, 10.8690

Conversions

Conversions Part 2

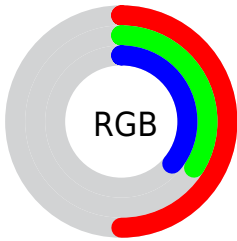
Format	Color
R_{YB}	127, 86, 93
Decimal	8345181
CIE Lab	41.00, 18.08, 2.85
CIE LCh	41, 18.300, 8.955
Yxy	11.8645, 0.3707, 0.3152
Android (android.graphics.Color)	4286535261 (0xFF7F565D)
YUV	99.0570, -2.9861, 24.5060
Hunter-Lab	34.4449, 12.0318, 3.7530

Details

The CIELCh color **41, 18.300, 8.955** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **50, 15.881, 182.717**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 18.487, 9.225**, and **21, 18.483, 9.646** is the 20% darker color. If you saturate the color by 10%, you get **38, 24.424, 10.538**, and if you desaturate by 10%, it is **45, 12.348, 7.658**.

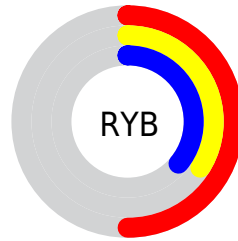
Distribution



Red (50%)

Green (34%)

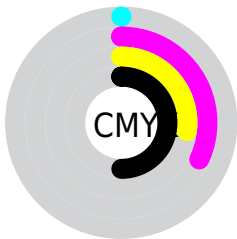
Blue (36%)



Red (50%)

Yellow (34%)

Blue (36%)

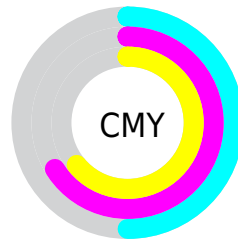


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (66%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 18.300, 8.955 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, 18.300, 8.955 by changing the saturation by 10% instead.

41, 18.300, 8.955

41, 18.300, 8.955

100, 18.300, 8.955

31, 18.300, 8.955

61, 18.300, 8.955

21, 18.300, 8.955

71, 18.300, 8.955

11, 18.300, 8.955

81, 18.300, 8.955

1, 18.300, 8.955

91, 18.300, 8.955

0, 18.300, 8.955

41, 18.300, 8.955

41, 18.300, 8.955

38, 24.424, 10.538

45, 12.348, 7.658

34, 30.598, 12.492

48, 6.649, 6.557

32, 36.642, 14.940

52, 1.235, 5.401

■ 29, 42.341, 18.011

■ 56, 3.885, 185.012

■ 27, 47.505, 21.815

■ 60, 8.720, 184.275

■ 26, 52.035, 26.340

■ 64, 13.289,
183.657

■ 25, 55.425, 29.690

■ 68, 17.614,
183.112

■ 72, 21.716,
182.624

■ 76, 25.620,
182.184

Harmonies

Complementary

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



41, 18.300, 8.955



50, 15.881, 182.717

Rectangle

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



41, 18.300, 8.955



41, 18.300, 58.955



41, 18.300, 188.955



41, 18.300, 238.955

Sweetspot

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



41, 18.298, 8.959



63, 6.669, 6.340



41, 27.895, 320.695



33, 4.600, 6.461



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 18.298, 8.959



50, 27.911, 10.126



44, 14.932, 51.548



25, 3.024, 6.224



26, 55.726, 29.731



0, 0.000, 0.000

Inverse Universe

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



41, 18.298, 8.959



50, 27.911, 10.126



46, 12.452, 236.995



25, 3.024, 6.224



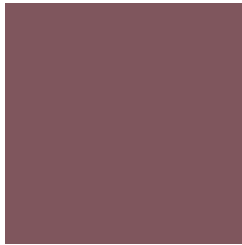
26, 55.726, 29.731



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 18.300, 8.955 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 41, 18.300, 8.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

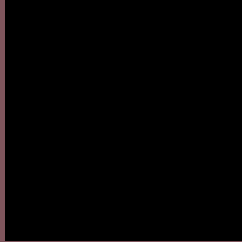
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 18.300, 8.955

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.300, 8.955.



This preview shows how white text looks on a background with the CIELCh color 41, 18.300, 8.955.

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, 18.300, 8.955

Protanopia

41, 2.014, 314.734

Deuteranopia

41, 6.767, 35.635



Tritanopia
41, 18.246, 10.817

Trichromacy



Original Color
41, 18.300, 8.955

Protanomaly
41, 7.433, 356.426

Deuteranomaly
41, 10.461, 17.541

Tritanomaly
41, 18.246, 10.817

Monochromacy



Original Color
41, 18.300, 8.955

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 6.627, 4.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.300, 8.955 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(127, 86, 93)` looks like.

```
.text, #text, p{  
    color:rgb(127, 86, 93)  
}
```

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(127, 86, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 86, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.300, 8.955 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(127, 86, 93) }
```

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

```
.border{ border-color:rgb(127, 86, 93) }
```

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

Here you see how a box with a 4 pixel rgb(127, 86, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 86, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 86, 93);  
box-shadow:4px 4px 4px 4px rgb(127, 86,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.300, 8.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 86, 93) }
```

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

```
.background{ background-color: rgb(127, 86,  
93) }
```

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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