

Converting Colors

CIELCh(41, 18.607, 42.122)

Have a look what the booklet for
CIELCh(41, 18.607, 42.122) contains.

CIELCh(41, 18.536, 42.199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 18.536, 42.199)

Conversions

Conversions Part 1

Format	Color
Hex	7D584D
RGB	125, 88, 77
RGB Percent	49%, 35%, 30%
CMY	0.5100, 0.6550, 0.6982
CMYK	0.00, 0.30, 0.38, 0.51
HSL	14°, 24%, 40%
HSV	14°, 38%, 49%
XYZ	13.2753, 11.8645, 8.6042
YIQ	97.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

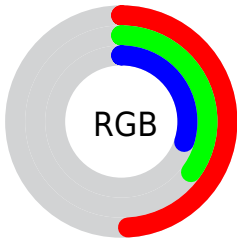
Format	Color
R_{YB}	125, 91, 77
Decimal	8214605
CIE _{Lab}	41.00, 13.73, 12.45
CIE _{LCh}	41, 18.536, 42.199
Yxy	11.8645, 0.3934, 0.3516
Android (android.graphics.Color)	4286404685 (0xFF7D584D)
YUV	97.8090, -10.2588, 23.8465
Hunter-Lab	34.4449, 8.5167, 9.3010

Details

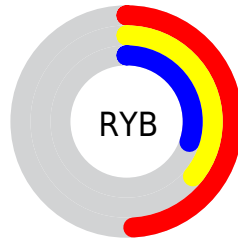
The CIELCh color $41, 18.536, 42.199$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $46, 14.350, 225.492$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 18.604, 41.915$, and $21, 18.374, 41.553$ is the 20% darker color. If you saturate the color by 10%, you get $38, 24.294, 42.339$, and if you desaturate by 10%, it is $44, 13.176, 42.222$.

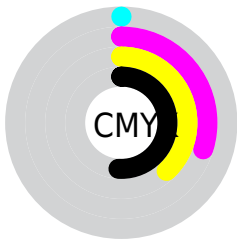
Distribution



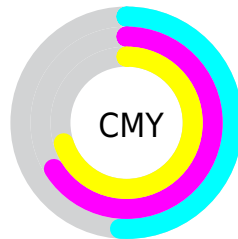
- Red (49%)
- Green (35%)
- Blue (30%)



- Red (49%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 18.536, 42.199 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, 18.536, 42.199 by changing the saturation by 10% instead.

41, 18.536, 42.199

41, 18.536, 42.199

100, 18.536,
42.199

31, 18.536, 42.199

61, 18.536, 42.199

21, 18.536, 42.199

71, 18.536, 42.199

11, 18.536, 42.199

81, 18.536, 42.199

1, 18.536, 42.199

91, 18.536, 42.199

0, 18.536, 42.199

41, 18.536, 42.199

41, 18.536, 42.199

38, 24.294, 42.339

44, 13.176, 42.222

36, 30.434, 42.649

47, 8.207, 42.356

■ 33, 36.889, 43.139

■ 50, 3.606, 42.547

■ 31, 43.494, 43.754

■ 53, 0.660, 223.550

■ 29, 49.886, 44.309

■ 56, 4.622, 223.437

■ 28, 55.392, 44.493

■ 59, 8.315, 223.818

■ 27, 56.211, 44.558

■ 62, 11.769,
224.248

■ 65, 15.013,
224.700

■ 68, 18.073,
225.163

Harmonies

Complementary

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



41, 18.536, 42.199



46, 14.350, 225.492

Rectangle

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



41, 18.536, 42.199



41, 18.536, 92.199



41, 18.536, 222.199



41, 18.536, 272.199

Sweetspot

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



41, 18.535, 42.205



63, 6.499, 42.474



39, 29.467, 333.563



32, 4.306, 42.454



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 18.535, 42.205



50, 28.577, 42.312



47, 21.101, 90.271



25, 2.464, 42.535



28, 57.191, 44.614



0, 0.000, 0.000

Inverse Universe

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



46, 14.350, 225.492



57, 20.631, 226.557



39, 21.422, 280.763



26, 2.338, 223.384



38, 26.656, 240.371



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 18.536, 42.199 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, 18.536, 42.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

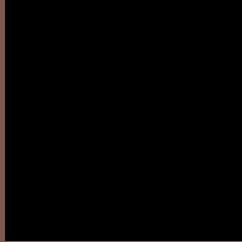
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 18.536, 42.199

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.536, 42.199.



This preview shows how white text looks on a background with the CIELCh color 41, 18.536, 42.199.

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, 18.536, 42.199

Protanopia

41, 9.898, 95.720

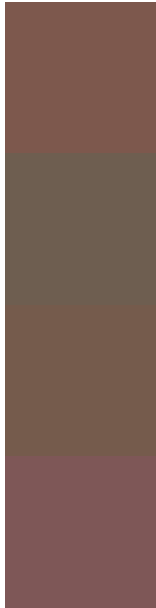
Deuteranopia

41, 13.892, 67.272



Tritanopia
41, 17.809, 10.458

Trichromacy



Original Color
41, 18.536, 42.199

Protanomaly
41, 11.187, 68.665

Deuteranomaly
41, 15.196, 56.807

Tritanomaly
41, 17.410, 21.872

Monochromacy



Original Color
41, 18.536, 42.199

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 6.562, 41.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.536, 42.199 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(125, 88, 77)` looks like.

```
.text, #text, p{  
  color:rgb(125, 88, 77)  
}
```

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(125, 88, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.536, 42.199 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(125, 88, 77) }
```

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

```
.border{ border-color:rgb(125, 88, 77) }
```

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

Here you see how a box with a 4 pixel rgb(125, 88, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 77);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.536, 42.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 77) }
```

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

```
.background{ background-color: rgb(125, 88,  
77) }
```

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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