

Converting Colors

CIELCh(41, 15.710, 79.238)

Have a look what the booklet for
CIELCh(41, 15.710, 79.238) contains.

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Color

CIELCh(41, 15.536, 77.683)

Conversions

Conversions Part 1

Format	Color
Hex	6F5E48
RGB	111, 94, 72
RGB Percent	44%, 37%, 28%
CMY	0.5645, 0.6312, 0.7175
CMYK	0.00, 0.15, 0.35, 0.56
HSL	34°, 21%, 36%
HSV	34°, 35%, 44%
XYZ	11.7394, 11.8645, 7.8097
YIQ	96.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

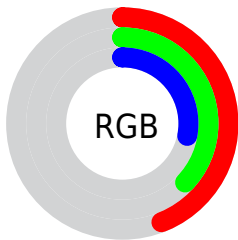
Format	Color
R_{YB}	102, 111, 72
Decimal	7298632
CIE _{Lab}	41.00, 3.31, 15.18
CIE _{LCh}	41, 15.536, 77.683
Yxy	11.8645, 0.3737, 0.3777
Android (android.graphics.Color)	4285488712 (0xFF6F5E48)
YUV	96.5750, -12.1155, 12.6507
Hunter-Lab	34.4449, 0.5572, 10.6687

Details

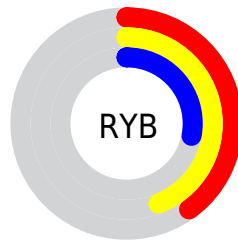
The CIELCh color **41, 15.536, 77.683** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 14.682, 267.491**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 15.214, 77.136**, and **21, 15.521, 77.954** is the 20% darker color. If you saturate the color by 10%, you get **39, 20.289, 76.396**, and if you desaturate by 10%, it is **43, 10.924, 78.954**.

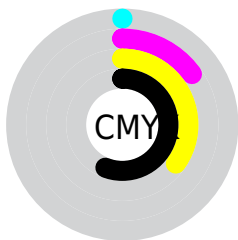
Distribution



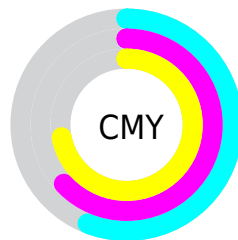
- Red (44%)
- Green (37%)
- Blue (28%)



- Red (40%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 15.536, 77.683 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, 15.536, 77.683 by changing the saturation by 10% instead.

■ 41, 15.536, 77.683

■ 41, 15.536, 77.683

■ 100, 15.536,
77.683

■ 31, 15.536, 77.683

■ 61, 15.536, 77.683

■ 21, 15.536, 77.683

■ 71, 15.536, 77.683

■ 11, 15.536, 77.683

■ 81, 15.536, 77.683

■ 1, 15.536, 77.683

■ 91, 15.536, 77.683

■ 0, 15.536, 77.683

■ 41, 15.536, 77.683

■ 41, 15.536, 77.683

■ 39, 20.289, 76.396

■ 43, 10.924, 78.954

■ 38, 25.149, 75.070

■ 44, 6.463, 80.183

36, 30.041, 73.691

46, 2.150, 81.330

35, 34.814, 72.214

48, 2.024, 262.704

34, 39.188, 70.536

49, 6.068, 263.772

32, 42.919, 68.600

51, 9.996, 264.852

32, 44.977, 67.879

53, 13.818,
265.896

55, 17.545,
266.896

57, 21.186,
267.852

Harmonies

Complementary

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



41, 15.536, 77.683



37, 14.682, 267.491

Rectangle

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



41, 15.536, 77.683



41, 15.536, 127.683



41, 15.536, 257.683



41, 15.536, 307.683

Sweetspot

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



41, 15.536, 77.689



58, 5.823, 80.639



36, 19.803, 349.785



30, 3.950, 80.520



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 15.536, 77.689



52, 23.474, 76.655



46, 22.777, 109.195



23, 2.398, 80.905



34, 47.551, 67.576



68, 81.688, 65.418

Inverse Universe

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



37, 14.682, 267.491



46, 21.881, 269.206



32, 24.724, 295.971



22, 2.372, 263.217



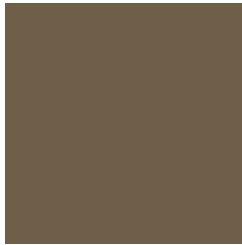
23, 45.005, 288.040



49, 81.506, 290.542

Previews

White Background



This preview shows how the CIELCh color 41, 15.536, 77.683 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, 15.536, 77.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

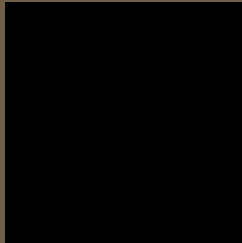
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 15.536, 77.683

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.536, 77.683.



This preview shows how white text looks on a background with the CIELCh color 41, 15.536, 77.683.

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, 15.536, 77.683

Protanopia

41, 14.789, 95.471

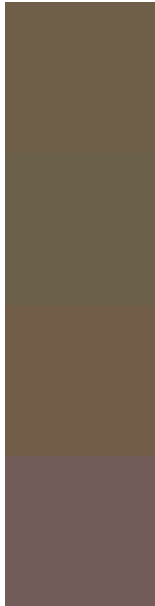
Deuteranopia

41, 16.152, 71.064



Tritanopia
41, 10.644, 357.579

Trichromacy



Original Color

41, 15.536, 77.683

Protanomaly

41, 14.777, 88.064

Deuteranomaly

41, 15.858, 72.386

Tritanomaly

41, 9.421, 31.590

Monochromacy



Original Color

41, 15.536, 77.683

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 5.487, 81.071

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 41, 15.536, 77.683 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(111, 94, 72)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 72)  
}
```

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(111, 94, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.536, 77.683 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(111, 94, 72) }
```

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

```
.border{ border-color:rgb(111, 94, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 94, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 94, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 94, 72);  
box-shadow:4px 4px 4px 4px rgb(111, 94,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.536, 77.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 72) }
```

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

```
.background{ background-color: rgb(111, 94,  
72) }
```

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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