

Converting Colors

CIE LCh(19, 7.150, 43.605)

Have a look what the booklet for
CIELCh(19, 7.150, 43.605) contains.

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Color

CIELCh(19, 7.176, 42.881)

Conversions

Conversions Part 1

Format	Color
Hex	382B27
RGB	56, 43, 39
RGB Percent	22%, 17%, 15%
CMY	0.7792, 0.8302, 0.8459
CMYK	0.00, 0.23, 0.30, 0.78
HSL	14°, 18%, 19%
HSV	14°, 30%, 22%
XYZ	2.8934, 2.7468, 2.3219
YIQ	46.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

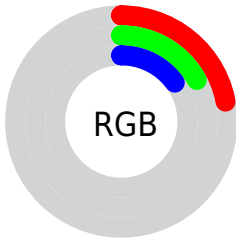
Format	Color
R_{YB}	56, 44, 39
Decimal	3681063
CIE Lab	19.00, 5.26, 4.88
CIE LCh	19, 7.176, 42.881
Yxy	2.7468, 0.3634, 0.3450
Android (android.graphics.Color)	4281871143 (0xFF382B27)
YUV	46.4310, -3.6635, 8.3920
Hunter-Lab	16.5735, 2.1587, 3.2950

Details

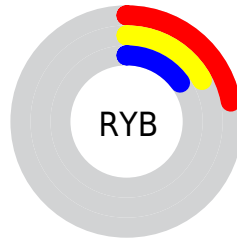
The CIELCh color **19, 7.176, 42.881** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 6.059, 225.242**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 7.074, 40.308**, and **0, 0.277, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **18, 9.892, 42.818**, and if you desaturate by 10%, it is **21, 4.637, 43.046**.

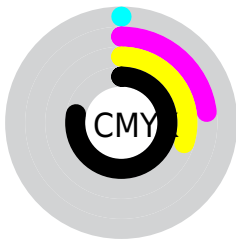
Distribution



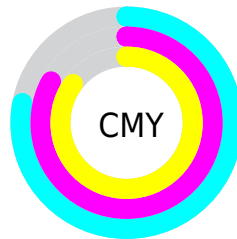
- Red (22%)
- Green (17%)
- Blue (15%)



- Red (22%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (78%)



- Cyan (78%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 7.176, 42.881 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 19, 7.176, 42.881 by changing the saturation by 10% instead.

 19, 7.176, 42.881  19, 7.176, 42.881

 100, 7.176, 42.881  9, 7.176, 42.881

 39, 7.176, 42.881  0, 7.176, 42.881

 49, 7.176, 42.881

 59, 7.176, 42.881

 69, 7.176, 42.881

 79, 7.176, 42.881

 89, 7.176, 42.881

 99, 7.176, 42.881

 19, 7.176, 42.881  19, 7.176, 42.881

18, 9.892, 42.818	21, 4.637, 43.046
16, 12.791, 42.857	22, 2.265, 43.244
15, 15.871, 43.026	24, 0.048, 39.110
13, 18.886, 42.597	25, 2.028, 224.106
12, 21.437, 40.780	27, 3.977, 224.436
11, 23.684, 38.665	28, 5.811, 224.825
10, 25.802, 37.404	30, 7.544, 225.238
	32, 9.185, 225.662
	33, 10.745, 226.093

Harmonies

Complementary

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



19, 7.176, 42.881



21, 6.059, 225.242

Rectangle

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



19, 7.176, 42.881



19, 7.176, 92.881



19, 7.176, 222.881



19, 7.176, 272.881

Sweetspot

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



19, 7.176, 42.889



30, 2.496, 43.258



18, 11.893, 333.422



14, 1.755, 43.247



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



19, 7.176, 42.889



25, 11.022, 42.826



22, 8.655, 92.927



9, 1.214, 43.276



19, 42.416, 43.216



49, 87.518, 44.386

Inverse Universe

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



21, 6.059, 225.242



27, 8.862, 225.852



18, 8.773, 279.794



10, 1.165, 224.085



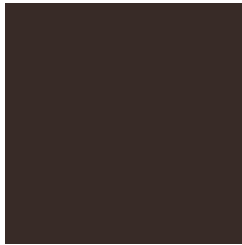
27, 21.084, 239.831



64, 40.320, 243.739

Previews

White Background



This preview shows how the CIELCh color 19, 7.176, 42.881 looks on a white background.

Color Contrast Check

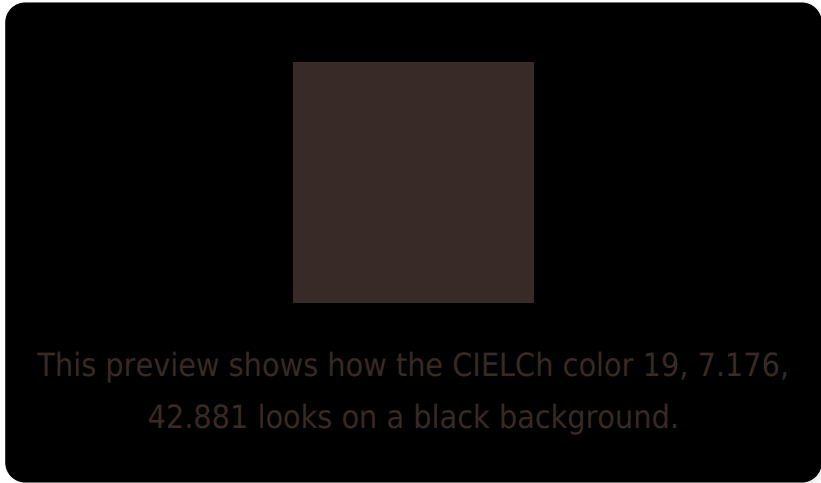
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

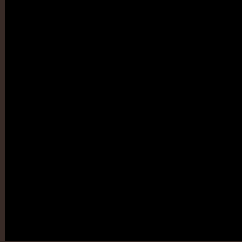
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 7.176, 42.881

Background



This preview shows how black text looks on a background with the CIELCh color 19, 7.176, 42.881.

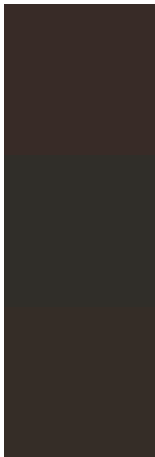


This preview shows how white text looks on a background with the CIELCh color 19, 7.176, 42.881.

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

19, 7.176, 42.881

Protanopia

19, 3.547, 93.268

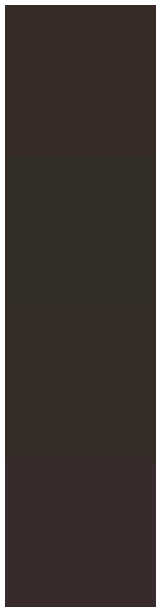
Deuteranopia

19, 5.768, 64.857



Tritanopia
19, 7.738, 0.658

Trichromacy



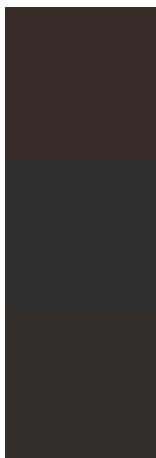
Original Color
19, 7.176, 42.881

Protanomaly
19, 4.547, 68.232

Deuteranomaly
19, 6.130, 53.885

Tritanomaly
19, 7.473, 10.674

Monochromacy



Original Color
19, 7.176, 42.881

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 2.363, 54.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 7.176, 42.881 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(56, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(56, 43, 39)  
}
```

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(56, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 43, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 7.176, 42.881 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(56, 43, 39) }
```

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

```
.border{ border-color:rgb(56, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(56, 43, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 7.176, 42.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 43, 39) }
```

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

```
.background{ background-color: rgb(56, 43,  
39) }
```

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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