

Converting Colors

CIELCh(16, 18.862, 8.654)

Have a look what the booklet for
CIELCh(16, 18.862, 8.654) contains.

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Color

CIELCh(16, 19.174, 8.957)

Conversions

Conversions Part 1

Format	Color
Hex	411C24
RGB	65, 28, 36
RGB Percent	25%, 11%, 14%
CMY	0.7443, 0.8894, 0.8581
CMYK	0.00, 0.57, 0.45, 0.74
HSL	347°, 40%, 18%
HSV	347°, 57%, 26%
XYZ	2.9353, 2.0993, 1.9345
YIQ	39.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

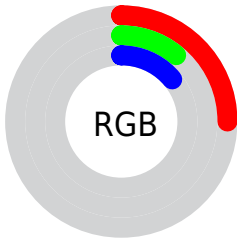
Format	Color
R _Y B	65, 28, 36
Decimal	4267044
CIE Lab	16.00, 18.94, 2.99
CIE LCh	16, 19.174, 8.957
Yxy	2.0993, 0.4212, 0.3012
Android (android.graphics.Color)	4282457124 (0xFF411C24)
YUV	39.9750, -1.9597, 21.9469
Hunter-Lab	14.4890, 10.8068, 2.2263

Details

The CIELCh color **16, 19.174, 8.957** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25, 15.621, 176.987**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 19.230, 9.836**, and **0, 0.832, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 22.582, 11.112**, and if you desaturate by 10%, it is **18, 15.661, 7.198**.

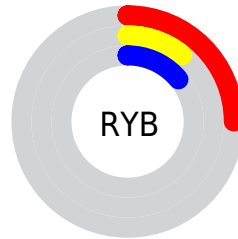
Distribution



Red (25%)

Green (11%)

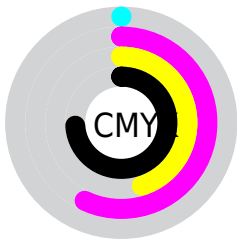
Blue (14%)



Red (25%)

Yellow (11%)

Blue (14%)

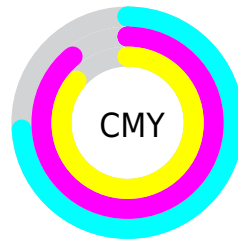


Cyan (0%)

Magenta (57%)

Yellow (45%)

Black (74%)



Cyan (74%)

Magenta (89%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 19.174, 8.957 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 16, 19.174, 8.957 by changing the saturation by 10% instead.

■ 16, 19.174, 8.957 ■ 16, 19.174, 8.957

■ 100, 19.174, 8.957 ■ 6, 19.174, 8.957

■ 36, 19.174, 8.957 ■ 0, 19.174, 8.957

■ 46, 19.174, 8.957

■ 56, 19.174, 8.957

■ 66, 19.174, 8.957

■ 76, 19.174, 8.957

■ 86, 19.174, 8.957

■ 96, 19.174, 8.957

■ 16, 19.174, 8.957 ■ 16, 19.174, 8.957

14, 22.582, 11.112

18, 15.661, 7.198

13, 25.779, 13.761

20, 12.141, 5.739

12, 28.657, 16.818

22, 8.681, 4.510

11, 31.499, 18.322

24, 5.327, 3.452

10, 32.451, 18.410

26, 2.103, 2.486

28, 0.978, 182.039

31, 3.917, 181.166

33, 6.716, 180.517

35, 9.384, 179.944

Harmonies

Complementary

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



16, 19.174, 8.957



25, 15.621, 176.987

Rectangle

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



16, 19.174, 8.957



16, 19.174, 58.957



16, 19.174, 188.957



16, 19.174, 238.957

Sweetspot

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



16, 19.173, 8.959



31, 6.690, 3.545



16, 27.838, 320.402



15, 4.521, 3.611



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



16, 19.173, 8.959



19, 28.380, 12.119



19, 16.445, 47.459



12, 1.759, 2.659



18, 44.005, 24.365



47, 84.046, 29.000

Inverse Universe

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



16, 19.173, 8.959



19, 28.380, 12.119



21, 11.724, 235.485



12, 1.759, 2.659



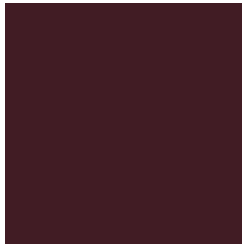
18, 44.005, 24.365



47, 84.046, 29.000

Previews

White Background



This preview shows how the CIE LCh color 16, 19.174, 8.957 looks on a white background.

Color Contrast Check

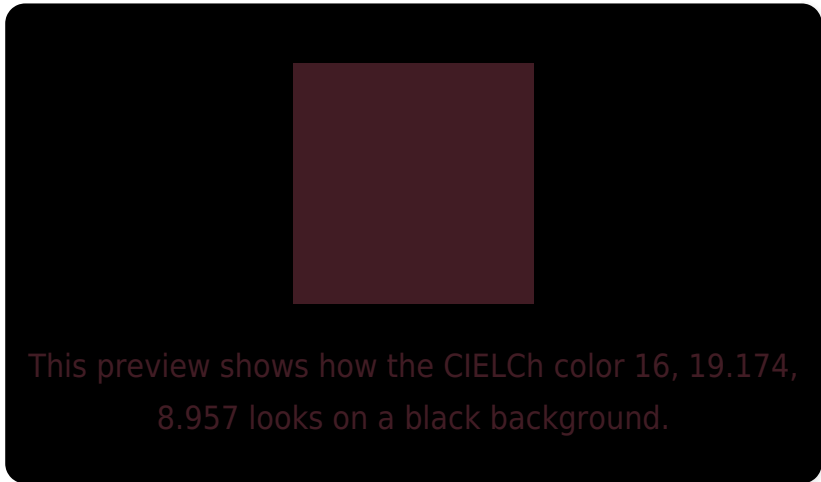
Large Text (above 18pt) WCAG AA ✓ Pass

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 16, 19.174, 8.957

Background



This preview shows how black text looks on a background with the CIELCh color 16, 19.174, 8.957.

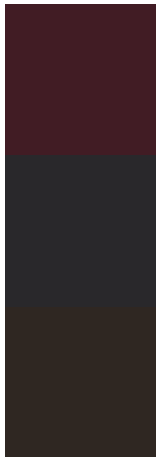


This preview shows how white text looks on a background with the CIELCh color 16, 19.174, 8.957.

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

16, 19.174, 8.957

Protanopia

16, 2.160, 303.345

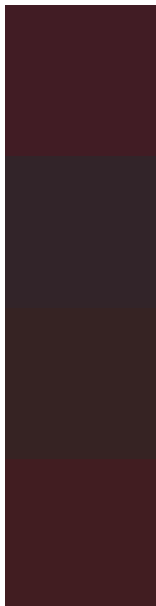
Deuteranopia

16, 5.416, 59.824



Tritanopia
16, 18.892, 20.807

Trichromacy



Original Color

16, 19.174, 8.957

Protanomaly

16, 7.680, 354.486

Deuteranomaly

16, 9.802, 21.882

Tritanomaly

16, 18.697, 16.652

Monochromacy



Original Color

16, 19.174, 8.957

Achromatopsia

16, 0.003, 296.813

Achromatomaly

16, 6.776, 3.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 19.174, 8.957 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(65, 28, 36)` looks like.

```
.text, #text, p{  
    color:rgb(65, 28, 36)  
}
```

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(65, 28, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 28, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 19.174, 8.957 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(65, 28, 36) }
```

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

```
.border{ border-color:rgb(65, 28, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 28, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 28, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 28, 36);  
box-shadow:4px 4px 4px 4px rgb(65, 28, 36)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 19.174, 8.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 28, 36) }
```

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

```
.background{ background-color: rgb(65, 28,  
36) }
```

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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