

Converting Colors

CIELCh(17, 15.282, 48.379)

Have a look what the booklet for
CIELCh(17, 15.282, 48.379) contains.

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Color

CIELCh(17, 15.198, 48.512)

Conversions

Conversions Part 1

Format	Color
Hex	3C241A
RGB	60, 36, 26
RGB Percent	24%, 14%, 10%
CMY	0.7645, 0.8586, 0.8978
CMYK	0.00, 0.40, 0.57, 0.76
HSL	18°, 39%, 17%
HSV	18°, 57%, 24%
XYZ	2.6866, 2.3023, 1.2830
YIQ	42.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

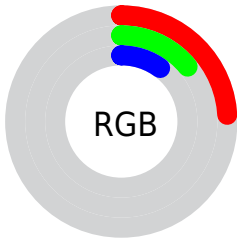
Format	Color
RYB	60, 40, 26
Decimal	3941402
CIELab	17.00, 10.07, 11.38
CIELCh	17, 15.198, 48.512
Yxy	2.3023, 0.4284, 0.3671
Android (android.graphics.Color)	4282131482 (0xFF3C241A)
YUV	42.0360, -7.9057, 15.7544
Hunter-Lab	15.1734, 5.0521, 5.6079

Details

The CIELCh color **17, 15.198, 48.512** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 10.987, 236.942**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 15.248, 49.567**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 18.463, 48.367**, and if you desaturate by 10%, it is **18, 12.100, 48.745**.

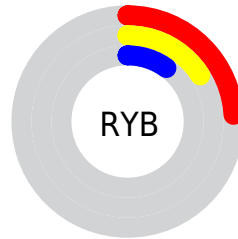
Distribution



Red (24%)

Green (14%)

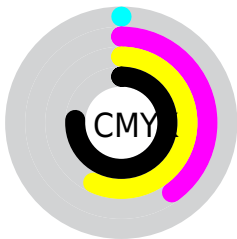
Blue (10%)



Red (24%)

Yellow (16%)

Blue (10%)

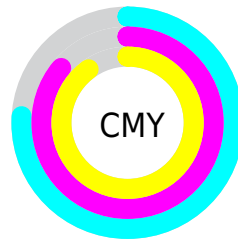


Cyan (0%)

Magenta (40%)

Yellow (57%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 15.198, 48.512 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 17, 15.198, 48.512 by changing the saturation by 10% instead.

 17, 15.198, 48.512

 17, 15.198, 48.512

 100, 15.198,
48.512

 7, 15.198, 48.512

 37, 15.198, 48.512

 0, 15.198, 48.512

 47, 15.198, 48.512

 57, 15.198, 48.512

 67, 15.198, 48.512

 77, 15.198, 48.512

 87, 15.198, 48.512

 97, 15.198, 48.512

■ 17, 15.198, 48.512

■ 17, 15.198, 48.512

■ 16, 18.463, 48.367

■ 18, 12.100, 48.745

■ 14, 21.405, 47.192

■ 20, 9.187, 49.064

■ 13, 23.813, 44.939

■ 21, 6.456, 49.456

■ 12, 26.089, 43.089

■ 23, 3.899, 49.901

■ 12, 26.847, 42.628

■ 24, 1.503, 50.329

■ 26, 0.745, 231.319

■ 27, 2.859, 231.682

■ 29, 4.853, 232.245

■ 31, 6.740, 232.835

Harmonies

Complementary

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



17, 15.198, 48.512



19, 10.987, 236.942

Rectangle

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



17, 15.198, 48.512



17, 15.198, 98.512



17, 15.198, 228.512



17, 15.198, 278.512

Sweetspot

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



17, 15.197, 48.517



30, 5.033, 49.847



15, 22.263, 337.325



14, 3.404, 49.822



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



17, 15.197, 48.517



21, 24.040, 48.351



22, 17.939, 93.453



11, 1.287, 50.263



21, 42.480, 46.781



51, 85.752, 46.760

Inverse Universe

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



19, 10.987, 236.942



25, 15.689, 240.022



14, 19.084, 287.606



11, 1.239, 231.466



26, 22.819, 251.415



61, 43.917, 255.680

Previews

White Background



This preview shows how the CIE LCh color 17, 15.198, 48.512 looks on a white background.

Color Contrast Check

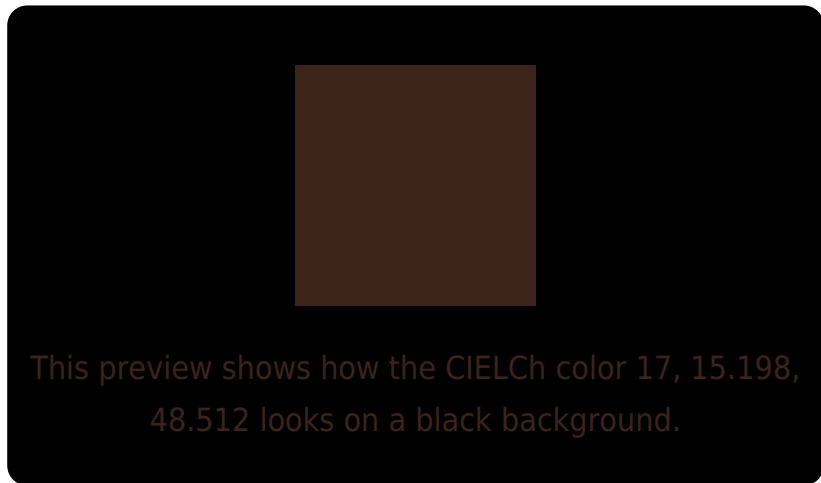
Large Text (above 18pt) WCAG AA ✓ Pass

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

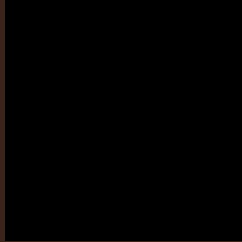
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 15.198, 48.512

Background



This preview shows how black text looks on a background with the CIELCh color 17, 15.198, 48.512.

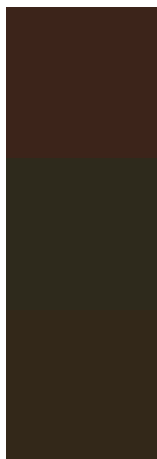


This preview shows how white text looks on a background with the CIELCh color 17, 15.198, 48.512.

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

17, 15.198, 48.512

Protanopia

17, 9.874, 95.217

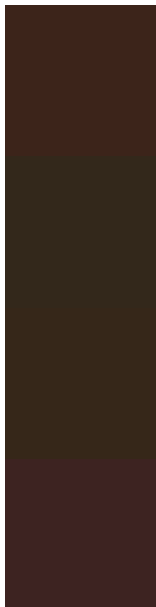
Deuteranopia

17, 12.082, 77.614



Tritanopia
17, 13.330, 17.051

Trichromacy



Original Color
17, 15.198, 48.512

Protanomaly
17, 10.880, 74.682

Deuteranomaly
17, 12.901, 67.993

Tritanomaly
17, 13.812, 28.416

Monochromacy



Original Color
17, 15.198, 48.512

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 5.383, 51.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 15.198, 48.512 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(60, 36, 26)` looks like.

```
.text, #text, p{  
    color:rgb(60, 36, 26)  
}
```

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(60, 36, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 36, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 15.198, 48.512 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(60, 36, 26) }
```

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

```
.border{ border-color:rgb(60, 36, 26) }
```

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

Here you see how a box with a 4 pixel rgb(60, 36, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 36, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 36, 26);  
box-shadow:4px 4px 4px 4px rgb(60, 36, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 15.198, 48.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 36, 26) }
```

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

```
.background{ background-color: rgb(60, 36,  
26) }
```

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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