

Converting Colors

CIELCh(26, 10.497, 17.151)

Have a look what the booklet for
CIELCh(26, 10.497, 17.151) contains.

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Color

CIELCh(26, 10.466, 17.873)

Conversions

Conversions Part 1

Format	Color
Hex	4E3839
RGB	78, 56, 57
RGB Percent	31%, 22%, 22%
CMY	0.6940, 0.7803, 0.7764
CMYK	0.00, 0.28, 0.27, 0.69
HSL	357°, 16%, 26%
HSV	357°, 28%, 31%
XYZ	5.2978, 4.7465, 4.5105
YIQ	62.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

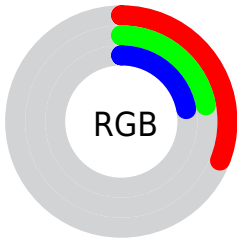
Format	Color
R_{YB}	78, 56, 57
Decimal	5126201
CIE Lab	26.00, 9.96, 3.21
CIE LCh	26, 10.466, 17.873
Yxy	4.7465, 0.3640, 0.3261
Android (android.graphics.Color)	4283316281 (0xFF4E3839)
YUV	62.6920, -2.8062, 13.4251
Hunter-Lab	21.7865, 5.2795, 2.9757




Details

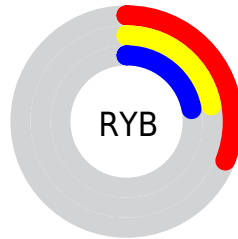
The CIELCh color **26, 10.466, 17.873** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 8.950, 194.016**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 10.649, 17.564**, and **6, 10.928, 16.890** is the 20% darker color. If you saturate the color by 10%, you get **24, 14.611, 19.075**, and if you desaturate by 10%, it is **28, 6.540, 16.906**.

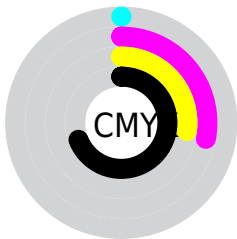
Distribution







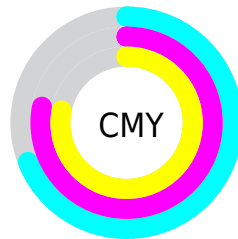
-  Red (31%)
-  Green (22%)
-  Blue (22%)






-  Red (31%)
-  Yellow (22%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (27%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 10.466, 17.873 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 26, 10.466, 17.873 by changing the saturation by 10% instead.

■ 26, 10.466, 17.873

■ 26, 10.466, 17.873

■ 100, 10.466,
17.873

■ 16, 10.466, 17.873

■ 46, 10.466, 17.873

■ 6, 10.466, 17.873

■ 56, 10.466, 17.873

■ 0, 10.466, 17.873

■ 66, 10.466, 17.873

■ 76, 10.466, 17.873

■ 86, 10.466, 17.873

■ 96, 10.466, 17.873

■ 26, 10.466, 17.873

■ 26, 10.466, 17.873

24, 14.611, 19.075

28, 6.540, 16.906

21, 18.940, 20.569

31, 2.851, 16.074

19, 23.386, 22.446

34, 0.605, 195.991

17, 27.851, 24.796

36, 3.840, 195.072

16, 32.191, 27.608

39, 6.869, 194.592

15, 35.734, 29.425

42, 9.711, 194.198

14, 38.741, 29.811

44, 12.387,
193.863

13, 39.298, 29.819

47, 14.913,
193.574

50, 17.306,
193.320

Harmonies

Complementary

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



26, 10.466, 17.873



31, 8.950, 194.016

Rectangle

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



26, 10.466, 17.873



26, 10.466, 67.873



26, 10.466, 197.873



26, 10.466, 247.873

Sweetspot

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



26, 10.465, 17.878



41, 3.474, 16.082



27, 16.861, 324.399



19, 2.445, 16.160



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



26, 10.465, 17.878



32, 16.094, 18.696



29, 8.646, 66.883



14, 1.912, 16.110



19, 49.542, 34.162



48, 94.769, 38.610

Inverse Universe

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



26, 10.465, 17.878



32, 16.094, 18.696



28, 7.893, 253.485



14, 1.912, 16.110



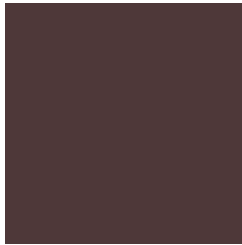
19, 49.542, 34.162



48, 94.769, 38.610

Previews

White Background



This preview shows how the CIELCh color 26, 10.466, 17.873 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



This preview shows how the CIELCh color 26, 10.466, 17.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

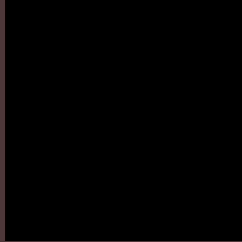
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 10.466, 17.873

Background



This preview shows how black text looks on a background with the CIELCh color 26, 10.466, 17.873.

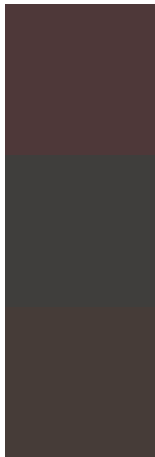


This preview shows how white text looks on a background with the CIELCh color 26, 10.466, 17.873.

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

26, 10.466, 17.873

Protanopia

26, 1.374, 90.539

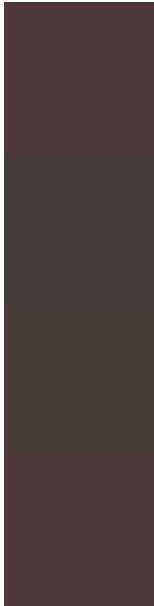
Deuteranopia

26, 5.412, 48.747



Tritanopia
26, 10.578, 7.338

Trichromacy



Original Color

26, 10.466, 17.873

Protanomaly

26, 3.764, 29.936

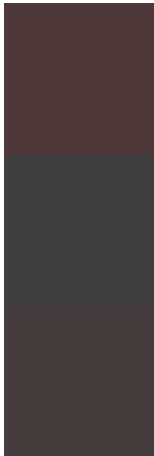
Deuteranomaly

26, 6.955, 36.713

Tritanomaly

26, 10.499, 10.818

Monochromacy



Original Color

26, 10.466, 17.873

Achromatopsia

27, 0.004, 296.813

Achromatomaly

26, 3.728, 9.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 10.466, 17.873 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(78, 56, 57)` looks like.

```
.text, #text, p{  
    color:rgb(78, 56, 57)  
}
```

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(78, 56, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 56, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 10.466, 17.873 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(78, 56, 57) }
```

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

```
.border{ border-color:rgb(78, 56, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 56, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 56, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 56, 57);  
box-shadow:4px 4px 4px 4px rgb(78, 56, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 10.466, 17.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 56, 57) }
```

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

```
.background{ background-color: rgb(78, 56,  
57) }
```

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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