

Converting Colors

CIELCh(26, 16.588, 3.404)

Have a look what the booklet for
CIELCh(26, 16.588, 3.404) contains.

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Color

CIELCh(26, 16.733, 2.752)

Conversions

Conversions Part 1

Format	Color
Hex	56343D
RGB	86, 52, 61
RGB Percent	34%, 20%, 24%
CMY	0.6634, 0.7967, 0.7614
CMYK	0.00, 0.40, 0.29, 0.66
HSL	344°, 25%, 27%
HSV	344°, 40%, 34%
XYZ	5.8798, 4.7465, 4.9980
YIQ	63.1920, 17.3750, 10.0070

Conversions

Conversions Part 2

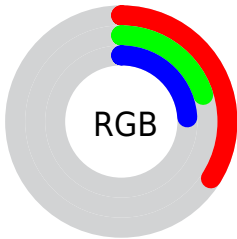
Format	Color
R_{YB}	86, 52, 61
Decimal	5649469
CIE Lab	26.00, 16.71, 0.80
CIE LCh	26, 16.733, 2.752
Yxy	4.7465, 0.3763, 0.3038
Android (android.graphics.Color)	4283839549 (0xFF56343D)
YUV	63.1920, -1.0807, 20.0026
Hunter-Lab	21.7865, 10.0482, 1.6488




Details

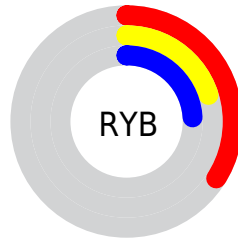
The CIELCh color **26, 16.733, 2.752** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 14.787, 174.816**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 16.829, 3.399**, and **6, 16.821, 3.052** is the 20% darker color. If you saturate the color by 10%, you get **24, 21.131, 4.377**, and if you desaturate by 10%, it is **29, 12.335, 1.398**.

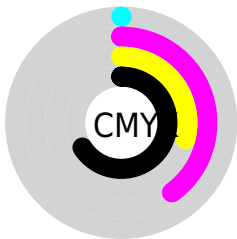
Distribution







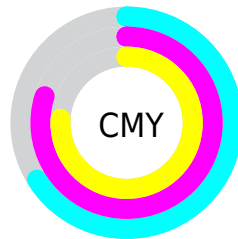
-  Red (34%)
-  Green (20%)
-  Blue (24%)






-  Red (34%)
-  Yellow (20%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (40%)
-  Yellow (29%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (80%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 16.733, 2.752 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, 16.733, 2.752 by changing the saturation by 10% instead.

 26, 16.733, 2.752  26, 16.733, 2.752

 100, 16.733, 2.752  16, 16.733, 2.752

 46, 16.733, 2.752  6, 16.733, 2.752

 56, 16.733, 2.752  0, 16.733, 2.752

 66, 16.733, 2.752

 76, 16.733, 2.752

 86, 16.733, 2.752

 96, 16.733, 2.752

 26, 16.733, 2.752  26, 16.733, 2.752

 24, 21.131, 4.377  29, 12.335, 1.398

■ 21, 25.413, 6.351

■ 31, 8.025, 0.240

■ 20, 29.425, 8.789

■ 34, 3.852, 359.214

■ 18, 33.010, 11.818

■ 37, 0.156, 180.122

■ 17, 36.056, 15.548

■ 39, 3.990, 177.717

■ 16, 39.184, 19.145

■ 42, 7.650, 176.998

■ 16, 39.321, 19.277

■ 45, 11.144,
176.367

■ 48, 14.483,
175.797

■ 51, 17.677,
175.276

Harmonies

Complementary

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



26, 16.733, 2.752



34, 14.787, 174.816

Rectangle

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



26, 16.733, 2.752



26, 16.733, 52.752



26, 16.733, 182.752



26, 16.733, 232.752

Sweetspot

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



26, 16.732, 2.755



43, 6.044, 359.495



26, 24.355, 318.334



21, 3.971, 359.557



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



26, 16.732, 2.755



32, 25.513, 4.384



28, 13.961, 42.613



16, 2.262, 359.134



21, 46.299, 21.061



49, 84.388, 25.171

Inverse Universe

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



26, 16.732, 2.755



32, 25.513, 4.384



31, 10.868, 226.009



16, 2.262, 359.134



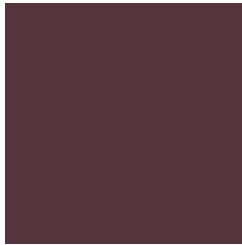
21, 46.299, 21.061



49, 84.388, 25.171

Previews

White Background



This preview shows how the CIELCh color 26, 16.733, 2.752 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 CIE LCh color 26, 16.733, 2.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

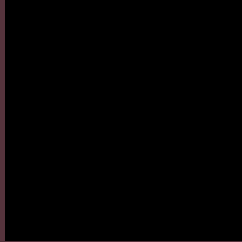
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 16.733, 2.752

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.733, 2.752.



This preview shows how white text looks on a background with the CIELCh color 26, 16.733, 2.752.

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, 16.733, 2.752

Protanopia

26, 3.271, 290.847

Deuteranopia

26, 4.231, 28.911



Tritanopia
26, 15.396, 12.979

Trichromacy



Original Color

26, 16.733, 2.752

Protanomaly

26, 7.446, 342.965

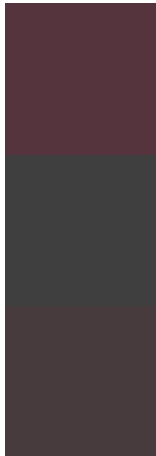
Deuteranomaly

26, 8.599, 7.987

Tritanomaly

26, 15.424, 10.589

Monochromacy



Original Color

26, 16.733, 2.752

Achromatopsia

27, 0.004, 296.813

Achromatomaly

26, 5.842, 0.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.733, 2.752 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(86, 52, 61)` looks like.

```
.text, #text, p{  
    color:rgb(86, 52, 61)  
}
```

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(86, 52, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 52, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.733, 2.752 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(86, 52, 61) }
```

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

```
.border{ border-color:rgb(86, 52, 61) }
```

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

Here you see how a box with a 4 pixel rgb(86, 52, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 52, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 52, 61);  
box-shadow:4px 4px 4px 4px rgb(86, 52, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.733, 2.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 52, 61) }
```

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

```
.background{ background-color: rgb(86, 52,  
61) }
```

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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