

Converting Colors

CIELCh(26, 17.141, 175.808)

Have a look what the booklet for
CIELCh(26, 17.141, 175.808)
contains.

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Color

CIELCh(26, 17.004, 176.259)

Conversions

Conversions Part 1

Format	Color
Hex	1B443B
RGB	27, 68, 59
RGB Percent	11%, 27%, 23%
CMY	0.8923, 0.7316, 0.7670
CMYK	0.60, 0.00, 0.13, 0.73
HSL	167°, 43%, 19%
HSV	167°, 60%, 27%
XYZ	3.3581, 4.7465, 4.9342
YIQ	54.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

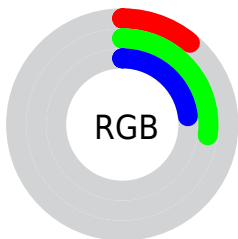
Format	Color
R_{YB}	27, 50, 68
Decimal	1786939
CIE _{Lab}	26.00, -16.97, 1.11
CIE _{LCh}	26, 17.004, 176.259
Yxy	4.7465, 0.2575, 0.3640
Android (android.graphics.Color)	4279977019 (0xFF1B443B)
YUV	54.7150, 2.1125, -24.3061
Hunter-Lab	21.7865, -10.6131, 1.8225

Details

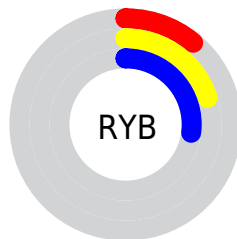
The CIELCh color **26, 17.004, 176.259** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16, 21.086, 9.371**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 16.785, 176.677**, and **7, 11.727, 163.744** is the 20% darker color. If you saturate the color by 10%, you get **26, 19.119, 175.091**, and if you desaturate by 10%, it is **26, 14.617, 177.332**.

Distribution



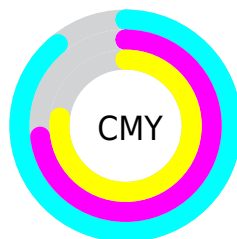
- Red (11%)
- Green (27%)
- Blue (23%)



- Red (11%)
- Yellow (20%)
- Blue (27%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (73%)




- Cyan (89%)
- Magenta (73%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 17.004, 176.259 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, 17.004, 176.259 by changing the saturation by 10% instead.

 26, 17.004,
176.259


 26, 17.004,
176.259

 100, 17.004,
176.259


 16, 17.004,
176.259


 46, 17.004,
176.259


 6, 17.004, 176.259

 56, 17.004,
176.259

 0, 17.004, 176.259

 66, 17.004,
176.259

 76, 17.004,
176.259

 86, 17.004,
176.259

 96, 17.004,

176.259

■ 26, 17.004,
176.259

■ 26, 17.004,
176.259

■ 26, 19.119,
175.091

■ 26, 14.617,
177.332

■ 25, 20.934,
173.814

■ 27, 11.994,
178.330

■ 25, 22.475,
172.446

■ 27, 9.176, 179.266

■ 25, 24.013,
171.220

■ 28, 6.204, 180.155

■ 28, 3.120, 181.025

■ 25, 24.032,
171.206

■ 29, 0.041, 356.035

■ 30, 3.247, 2.434

■ 31, 6.471, 3.205

■ 31, 9.691, 3.927

Harmonies

Complementary

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



26, 17.004, 176.259



16, 21.086, 9.371

Rectangle

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



26, 17.004, 176.259



26, 17.004, 226.259



26, 17.004, 356.259



26, 17.004, 46.259

Sweetspot

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



26, 17.004, 176.258



37, 7.016, 180.254



26, 29.619, 134.845



18, 4.906, 180.118



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 17.004, 176.258



34, 24.044, 174.455



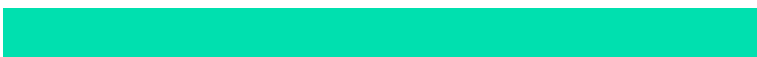
22, 12.650, 233.588



12, 1.713, 181.152



36, 30.870, 170.164



80, 58.116, 168.600

Inverse Universe

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



16, 21.086, 9.371



20, 31.406, 13.098



19, 18.409, 45.888



12, 1.762, 2.350



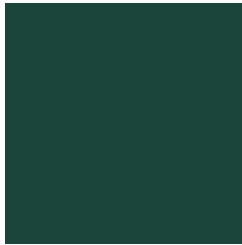
18, 43.911, 24.035



47, 83.819, 28.679

Previews

White Background



This preview shows how the CIE LCh color 26, 17.004, 176.259 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, 17.004, 176.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

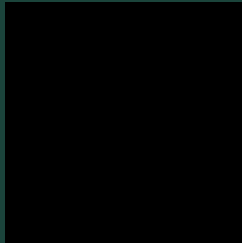
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 17.004, 176.259

Background



This preview shows how black text looks on a background with the CIELCh color 26, 17.004, 176.259.



This preview shows how white text looks on a background with the CIELCh color 26, 17.004, 176.259.

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, 17.004, 176.259

Protanopia
26, 3.545, 86.236

Deuteranopia
26, 3.892, 0.471



Tritanopia
26, 13.023, 212.195

Trichromacy



Original Color
26, 17.004, 176.259

Protanomaly
26, 7.445, 160.155

Deuteranomaly
25, 4.207, 180.475

Tritanomaly
26, 14.200, 194.484

Monochromacy



Original Color
26, 17.004, 176.259

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 6.867, 181.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 17.004, 176.259 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(27, 68, 59)` looks like.

```
.text, #text, p{  
    color:rgb(27, 68, 59)  
}
```

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(27, 68, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 68, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 17.004, 176.259 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(27, 68, 59) }
```

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

```
.border{ border-color:rgb(27, 68, 59) }
```

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

Here you see how a box with a 4 pixel rgb(27, 68, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 68, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 68, 59);  
box-shadow:4px 4px 4px 4px rgb(27, 68, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 17.004, 176.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 68, 59) }
```

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

```
.background{ background-color: rgb(27, 68,  
59) }
```

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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