

Converting Colors

CIELCh(26, 14.107, 173.347)

Have a look what the booklet for
CIELCh(26, 14.107, 173.347)
contains.

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Color

CIELCh(26, 13.837, 174.787)

Conversions

Conversions Part 1

Format	Color
Hex	24433B
RGB	36, 67, 59
RGB Percent	14%, 26%, 23%
CMY	0.8577, 0.7361, 0.7676
CMYK	0.46, 0.00, 0.12, 0.74
HSL	165°, 30%, 20%
HSV	165°, 46%, 26%
XYZ	3.5577, 4.7465, 4.9036
YIQ	56.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

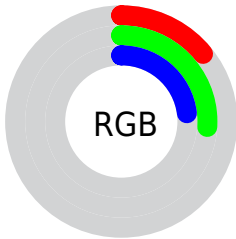
Format	Color
RYB	36, 54, 67
Decimal	2376507
CIELab	26.00, -13.78, 1.26
CIELCh	26, 13.837, 174.787
Yxy	4.7465, 0.2694, 0.3594
Android (android.graphics.Color)	4280566587 (0xFF24433B)
YUV	56.8190, 1.0752, -18.2583
Hunter-Lab	21.7865, -8.9779, 1.9058

Details

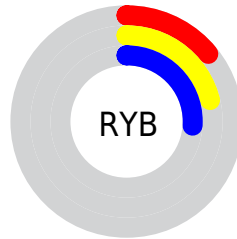
The CIELCh color **26, 13.837, 174.787** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19, 15.959, 3.968**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 13.650, 174.719**, and **7, 10.800, 165.475** is the 20% darker color. If you saturate the color by 10%, you get **26, 16.399, 173.692**, and if you desaturate by 10%, it is **26, 11.069, 175.797**.

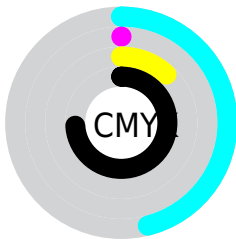
Distribution



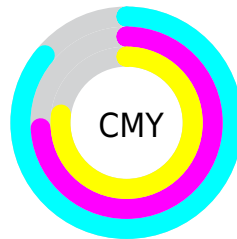
- Red (14%)
- Green (26%)
- Blue (23%)



- Red (14%)
- Yellow (21%)
- Blue (26%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (74%)





- Cyan (86%)
- Magenta (74%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 13.837, 174.787 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, 13.837, 174.787 by changing the saturation by 10% instead.

 26, 13.837,
174.787


 26, 13.837,
174.787

 100, 13.837,
174.787


 16, 13.837,
174.787


 46, 13.837,
174.787


 6, 13.837, 174.787

 56, 13.837,
174.787

 0, 13.837, 174.787

 66, 13.837,
174.787

 76, 13.837,
174.787

 86, 13.837,
174.787

 96, 13.837,

174.787

■ 26, 13.837,
174.787

■ 26, 13.837,
174.787

■ 26, 16.399,
173.692

■ 26, 11.069,
175.797

■ 25, 18.714,
172.500

■ 27, 8.136, 176.743

■ 25, 20.751,
171.194

■ 28, 5.079, 177.641

■ 28, 1.937, 178.545

■ 25, 22.492,
169.757

■ 29, 1.257, 359.038

■ 25, 24.142,
168.396

■ 30, 4.474, 359.922

■ 30, 7.691, 0.667

■ 25, 24.804,
167.919

■ 31, 10.889, 1.371

Harmonies

Complementary

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



26, 13.837, 174.787



19, 15.959, 3.968

Rectangle

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



26, 13.837, 174.787



26, 13.837, 224.787



26, 13.837, 354.787



26, 13.837, 44.787

Sweetspot

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



26, 13.837, 174.785



36, 5.467, 177.775



26, 22.564, 134.681



17, 3.711, 177.690



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 13.837, 174.785



33, 19.788, 173.563



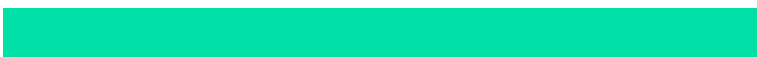
24, 10.150, 226.542



12, 1.746, 178.316



36, 32.327, 166.733



80, 61.077, 165.057

Inverse Universe

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



19, 15.959, 3.968



23, 23.645, 5.896



20, 13.514, 42.638



12, 1.791, 359.539



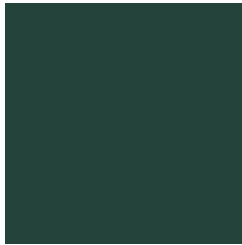
18, 43.105, 20.850



47, 81.829, 25.561

Previews

White Background



This preview shows how the CIELCh color 26, 13.837, 174.787 looks on a white background.

Color Contrast Check

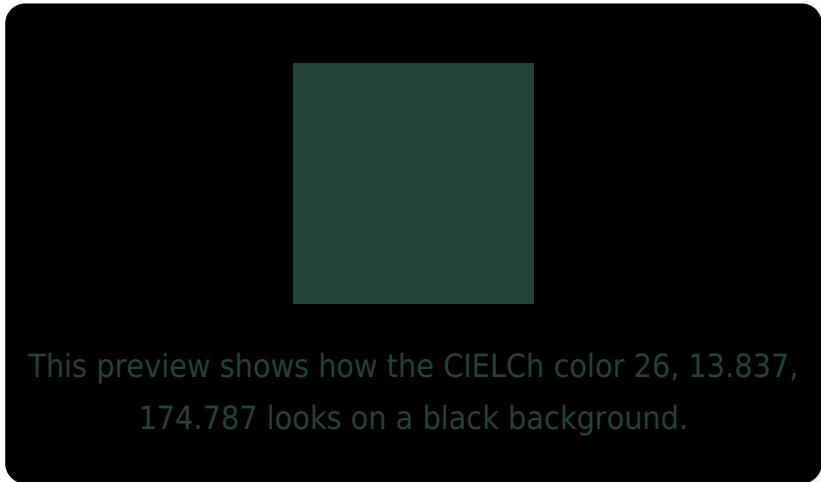
Large Text (above 18pt) WCAG AA ✓ Pass

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

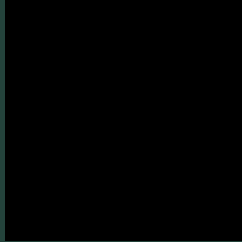
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 13.837, 174.787

Background



This preview shows how black text looks on a background with the CIELCh color 26, 13.837, 174.787.



This preview shows how white text looks on a background with the CIELCh color 26, 13.837, 174.787.

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, 13.837, 174.787

Protanopia
26, 3.545, 86.236

Deuteranopia
26, 3.892, 0.471



Tritanopia
26, 10.428, 216.352

Trichromacy



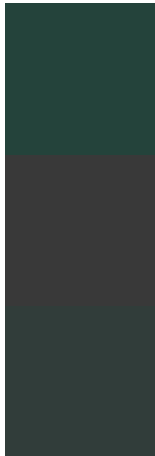
Original Color
26, 13.837, 174.787

Protanomaly
26, 5.687, 154.773

Deuteranomaly
26, 2.999, 172.991

Tritanomaly
26, 10.648, 201.265

Monochromacy



Original Color
26, 13.837, 174.787

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 5.676, 177.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 13.837, 174.787 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(36, 67, 59)` looks like.

```
.text, #text, p{  
    color:rgb(36, 67, 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(36, 67, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 67, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 13.837, 174.787 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(36, 67, 59) }
```

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

```
.border{ border-color:rgb(36, 67, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 67, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 67, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 67, 59);  
box-shadow:4px 4px 4px 4px rgb(36, 67, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 13.837, 174.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 67, 59) }
```

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

```
.background{ background-color: rgb(36, 67,  
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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