

Converting Colors

CIELCh(26, 35.200, 133.586)

Have a look what the booklet for
CIELCh(26, 35.200, 133.586)
contains.

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Color

CIELCh(26, 34.971, 133.592)

Conversions

Conversions Part 1

Format	Color
Hex	214614
RGB	33, 70, 20
RGB Percent	13%, 27%, 8%
CMY	0.8708, 0.7257, 0.9218
CMYK	0.53, 0.00, 0.71, 0.73
HSL	104°, 56%, 18%
HSV	104°, 71%, 27%
XYZ	2.9382, 4.7465, 1.4208
YIQ	53.2370, -6.0020, -23.3940

Conversions

Conversions Part 2

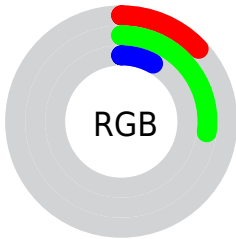
Format	Color
RYB	20, 70, 57
Decimal	2180628
CIELab	26.00, -24.11, 25.33
CIELCh	26, 34.971, 133.592
Yxy	4.7465, 0.3227, 0.5213
Android (android.graphics.Color)	4280370708 (0xFF214614)
YUV	53.2370, -16.3858, -17.7478
Hunter-Lab	21.7865, -14.0536, 11.3840

Details

The CIELCh color **26, 34.971, 133.592** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 36.122, 319.410**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 35.218, 133.669**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 38.797, 133.272**, and if you desaturate by 10%, it is **26, 30.645, 134.050**.

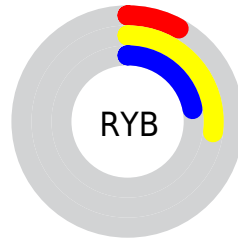
Distribution



Red (13%)

Green (27%)

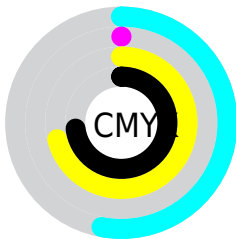
Blue (8%)



Red (8%)

Yellow (27%)

Blue (22%)

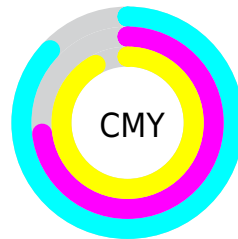


Cyan (53%)

Magenta (0%)

Yellow (71%)

Black (73%)



Cyan (87%)


Magenta (73%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 34.971, 133.592 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, 34.971, 133.592 by changing the saturation by 10% instead.

 26, 34.971,
133.592


 26, 34.971,
133.592

 100, 34.971,
133.592

 16, 34.971,
133.592


 46, 34.971,
133.592


 6, 34.971, 133.592

 56, 34.971,
133.592

 0, 34.971, 133.592

 66, 34.971,
133.592

 76, 34.971,
133.592

 86, 34.971,
133.592

 96, 34.971,

133.592

■ 26, 34.971,
133.592

■ 26, 34.971,
133.592

■ 26, 38.797,
133.272

■ 26, 30.645,
134.050

■ 25, 42.105,
133.043

■ 27, 25.971,
134.570

■ 25, 44.857,
132.677

■ 27, 21.072,
135.104

■ 28, 16.038,
135.622

■ 28, 10.939,
136.107

■ 29, 5.828, 136.554

■ 30, 0.743, 137.057

■ 30, 4.287, 317.265

■ 31, 9.242, 317.587

Harmonies

Complementary

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



26, 34.971, 133.592



14, 36.122, 319.410

Rectangle

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



26, 34.971, 133.592



26, 34.971, 183.592



26, 34.971, 313.592



26, 34.971, 3.592

Sweetspot

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



26, 34.971, 133.593



37, 13.403, 136.088



24, 24.489, 87.880



18, 8.941, 136.036



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, 34.971, 133.593



34, 49.819, 133.173



26, 32.049, 145.282



14, 2.874, 136.677



36, 57.812, 133.111



80, 106.755, 133.981

Inverse Universe

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



14, 36.122, 319.410



17, 51.364, 319.439



16, 31.562, 336.353



13, 2.892, 317.292



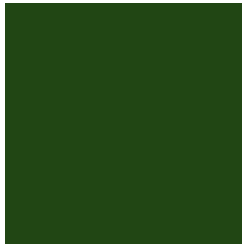
17, 59.452, 319.156



44, 108.935, 318.547

Previews

White Background



This preview shows how the CIELCh color 26, 34.971, 133.592 looks on a white background.

Color Contrast Check

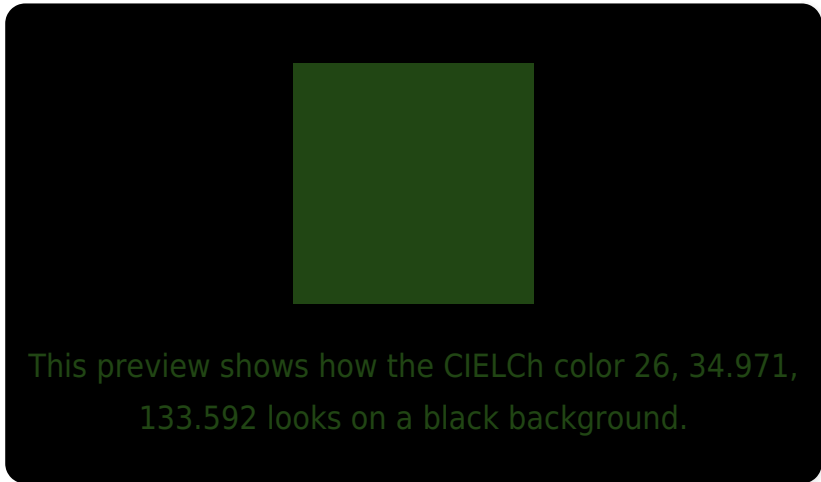
Large Text (above 18pt) WCAG AA ✓ Pass

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

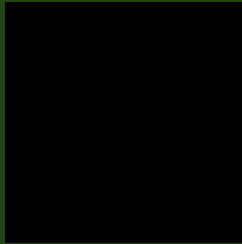
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 34.971, 133.592

Background



This preview shows how black text looks on a background with the CIELCh color 26, 34.971, 133.592.



This preview shows how white text looks on a background with the CIELCh color 26, 34.971, 133.592.

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

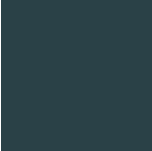
26, 34.971, 133.592

Protanopia

26, 27.351, 96.641

Deuteranopia

26, 24.237, 80.578



Tritanopia
26, 9.649, 222.337

Trichromacy



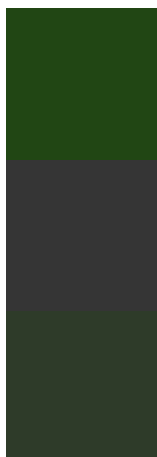
Original Color
26, 34.971, 133.592

Protanomaly
26, 28.444, 113.891

Deuteranomaly
25, 24.395, 106.280

Tritanomaly
26, 15.705, 158.280

Monochromacy



Original Color
26, 34.971, 133.592

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 13.412, 135.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 34.971, 133.592 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(33, 70, 20)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 20)  
}
```

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(33, 70, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 34.971, 133.592 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(33, 70, 20) }
```

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

```
.border{ border-color:rgb(33, 70, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 70, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 20);  
box-shadow:4px 4px 4px 4px rgb(33, 70, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 34.971, 133.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 20) }
```

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

```
.background{ background-color: rgb(33, 70,  
20) }
```

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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