

Converting Colors

CIELCh(26, 25.836, 136.369)

Have a look what the booklet for
CIELCh(26, 25.836, 136.369)
contains.

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Color

CIELCh(26, 25.835, 136.203)

Conversions

Conversions Part 1

Format	Color
Hex	284421
RGB	40, 68, 33
RGB Percent	16%, 27%, 13%
CMY	0.8418, 0.7320, 0.8693
CMYK	0.41, 0.00, 0.51, 0.73
HSL	108°, 34%, 20%
HSV	108°, 51%, 27%
XYZ	3.2560, 4.7465, 2.2073
YIQ	55.6380, -5.4530, -16.8210

Conversions

Conversions Part 2

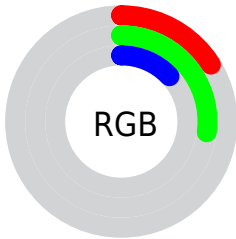
Format	Color
RYB	33, 68, 61
Decimal	2638881
CIELab	26.00, -18.65, 17.88
CIELCh	26, 25.835, 136.203
Yxy	4.7465, 0.3189, 0.4649
Android (android.graphics.Color)	4280828961 (0xFF284421)
YUV	55.6380, -11.1605, -13.7145
Hunter-Lab	21.7865, -11.4496, 9.2437

Details

The CIELCh color **26, 25.835, 136.203** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18, 26.319, 320.750**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 25.525, 136.110**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.499, 135.603**, and if you desaturate by 10%, it is **26, 20.940, 136.800**.

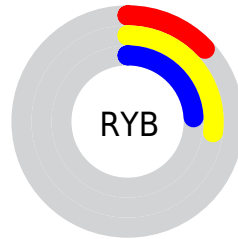
Distribution



Red (16%)

Green (27%)

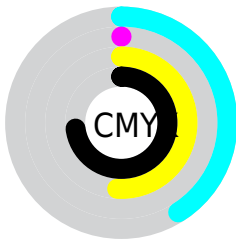
Blue (13%)



Red (13%)

Yellow (27%)

Blue (24%)

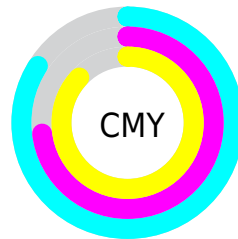


Cyan (41%)

Magenta (0%)

Yellow (51%)

Black (73%)



Cyan (84%)


Magenta (73%)


Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 25.835, 136.203 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, 25.835, 136.203 by changing the saturation by 10% instead.

 26, 25.835,
136.203


 26, 25.835,
136.203

 100, 25.835,
136.203


 16, 25.835,
136.203


 46, 25.835,
136.203


 6, 25.835, 136.203

 56, 25.835,
136.203

 0, 25.835, 136.203

 66, 25.835,
136.203

 76, 25.835,
136.203

 86, 25.835,
136.203

 96, 25.835,

136.203

■ 26, 25.835,
136.203

■ 26, 25.835,
136.203

■ 26, 30.499,
135.603

■ 26, 20.940,
136.800

■ 25, 34.809,
135.043

■ 27, 15.907,
137.364

■ 25, 38.613,
134.594

■ 28, 10.810,
137.883

■ 25, 41.879,
134.228

■ 28, 5.702, 138.356

■ 25, 44.617,
133.746

■ 29, 0.625, 138.907

■ 30, 4.391, 319.094

■ 30, 9.324, 319.424

■ 31, 14.159,
319.704

■ 32, 18.886,
319.947

Harmonies

Complementary

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



26, 25.835, 136.203



18, 26.319, 320.750

Rectangle

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



26, 25.835, 136.203



26, 25.835, 186.203



26, 25.835, 316.203



26, 25.835, 6.203

Sweetspot

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



26, 25.836, 136.204



37, 9.509, 138.154



26, 18.116, 93.911



18, 6.545, 138.107



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, 25.836, 136.204



34, 37.770, 135.469



26, 22.417, 149.527



12, 2.745, 138.481



35, 57.407, 134.005



79, 106.929, 134.765

Inverse Universe

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



18, 26.319, 320.750



22, 38.525, 321.099



19, 22.596, 337.006



12, 2.759, 319.107



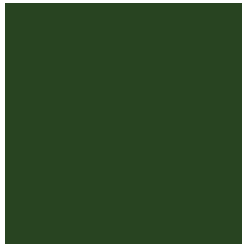
18, 57.875, 321.116



46, 106.971, 320.602

Previews

White Background



This preview shows how the CIELCh color 26, 25.835, 136.203 looks on a white background.

Color Contrast Check

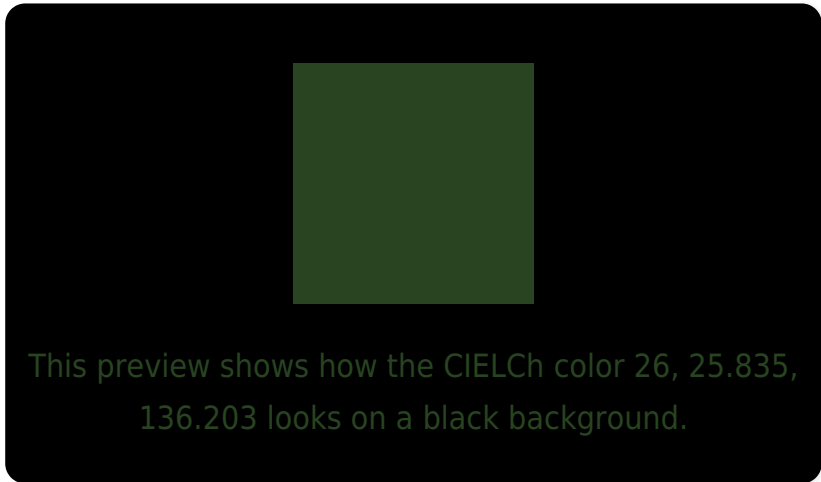
Large Text (above 18pt) WCAG AA ✓ Pass

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

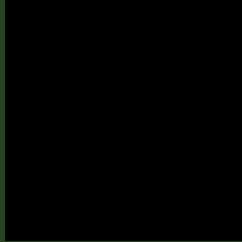
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 25.835, 136.203

Background



This preview shows how black text looks on a background with the CIELCh color 26, 25.835, 136.203.



This preview shows how white text looks on a background with the CIELCh color 26, 25.835, 136.203.

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](#).

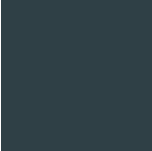
Dichromacy



Original Color
26, 25.835, 136.203

Protanopia
26, 19.579, 95.381

Deuteranopia
26, 17.242, 78.232



Tritanopia
26, 7.775, 229.031

Trichromacy



Original Color
26, 25.835, 136.203

Protanomaly
26, 20.532, 114.492

Deuteranomaly
26, 17.327, 106.537

Tritanomaly
26, 10.945, 165.021

Monochromacy



Original Color
26, 25.835, 136.203

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 9.218, 138.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 25.835, 136.203 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(40, 68, 33)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 33)  
}
```

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(40, 68, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 25.835, 136.203 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(40, 68, 33) }
```

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

```
.border{ border-color:rgb(40, 68, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 68, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 33);  
box-shadow:4px 4px 4px 4px rgb(40, 68, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 25.835, 136.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 33) }
```

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

```
.background{ background-color: rgb(40, 68,  
33) }
```

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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