

Converting Colors

CIELCh(26, 25.987, 128.586)

Have a look what the booklet for
CIELCh(26, 25.987, 128.586)
contains.

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Color

CIELCh(26, 25.987, 128.586)

Conversions

Conversions Part 1

Format	Color
Hex	2E431D
RGB	46, 67, 29
RGB Percent	18%, 26%, 11%
CMY	0.8180, 0.7356, 0.8847
CMYK	0.31, 0.00, 0.56, 0.74
HSL	93°, 39%, 19%
HSV	93°, 56%, 26%
XYZ	3.4050, 4.7465, 1.9248
YIQ	56.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

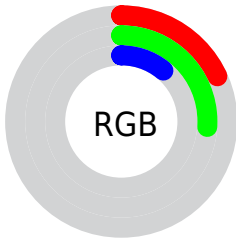
Format	Color
R_{YB}	29, 67, 50
Decimal	3031837
CIE Lab	26.00, -16.21, 20.31
CIE LCh	26, 25.987, 128.586
Yxy	4.7465, 0.3379, 0.4711
Android (android.graphics.Color)	4281221917 (0xFF2E431D)
YUV	56.3890, -13.5028, -9.1112
Hunter-Lab	21.7865, -10.2290, 10.0122

Details

The CIELCh color **26, 25.987, 128.586** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15, 27.692, 313.214**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 25.794, 128.774**, and **6, 15.770, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.157, 128.269**, and if you desaturate by 10%, it is **26, 21.578, 128.980**.

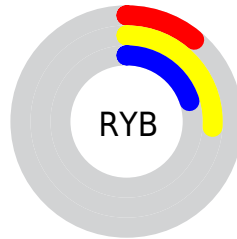
Distribution



Red (18%)

Green (26%)

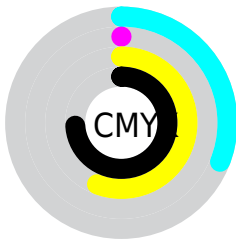
Blue (11%)



Red (11%)

Yellow (26%)

Blue (20%)

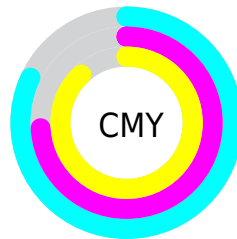


Cyan (31%)

Magenta (0%)

Yellow (56%)

Black (74%)



Cyan (82%)


Magenta (74%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 25.987, 128.586 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, 25.987, 128.586 by changing the saturation by 10% instead.

 26, 25.987,
128.586


 26, 25.987,
128.586

 100, 25.987,
128.586


 16, 25.987,
128.586


 46, 25.987,
128.586


 6, 25.987, 128.586

 56, 25.987,
128.586

 0, 25.987, 128.586

 66, 25.987,
128.586

 76, 25.987,
128.586

 86, 25.987,
128.586

 96, 25.987,

128.586

■ 26, 25.987,
128.586

■ 26, 25.987,
128.586

■ 26, 30.157,
128.269

■ 26, 21.578,
128.980

■ 25, 33.968,
128.087

■ 27, 17.017,
129.405

■ 25, 37.278,
128.117

■ 27, 12.370,
129.836

■ 25, 40.402,
128.131

■ 28, 7.683, 130.255

■ 25, 41.521,
128.115

■ 28, 2.991, 130.661

■ 29, 1.680, 310.969

■ 29, 6.313, 311.332

■ 30, 10.893,
311.642

■ 31, 15.410,
311.920

Harmonies

Complementary

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



26, 25.987, 128.586



15, 27.692, 313.214

Rectangle

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



26, 25.987, 128.586



26, 25.987, 178.586



26, 25.987, 308.586



26, 25.987, 358.586

Sweetspot

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



26, 25.988, 128.587



36, 9.813, 130.202



22, 16.860, 74.064



17, 6.461, 130.179



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, 25.988, 128.587



33, 37.746, 128.170



25, 28.686, 141.660



13, 2.563, 130.576



36, 54.031, 128.665



80, 100.906, 129.872

Inverse Universe

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



15, 27.692, 313.214



18, 40.895, 313.710



18, 28.509, 328.532



12, 2.590, 311.181



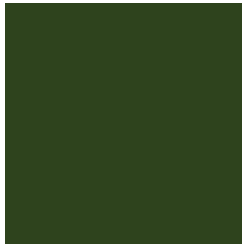
13, 60.389, 313.851



37, 112.159, 313.014

Previews

White Background



This preview shows how the CIELCh color 26, 25.987, 128.586 looks on a white background.

Color Contrast Check

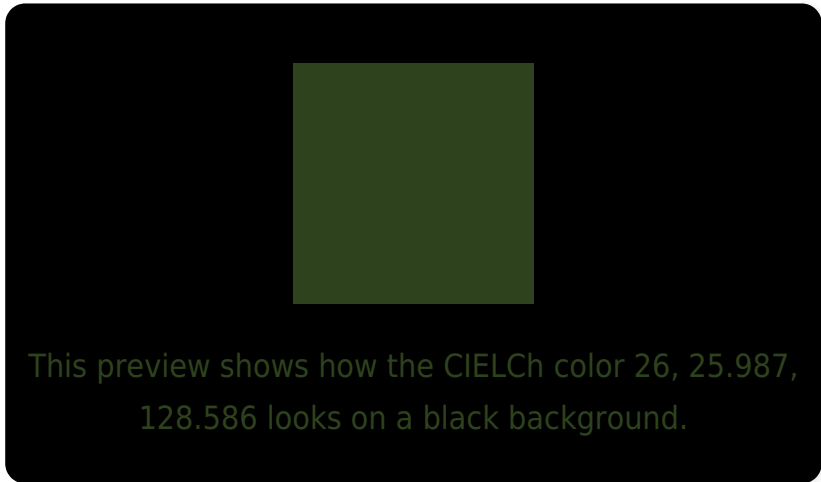
Large Text (above 18pt) WCAG AA ✓ Pass

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

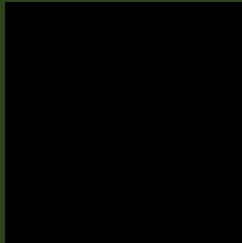
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 25.987, 128.586

Background



This preview shows how black text looks on a background with the CIELCh color 26, 25.987, 128.586.



This preview shows how white text looks on a background with the CIELCh color 26, 25.987, 128.586.

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, 25.987, 128.586

Protanopia

26, 21.803, 97.371

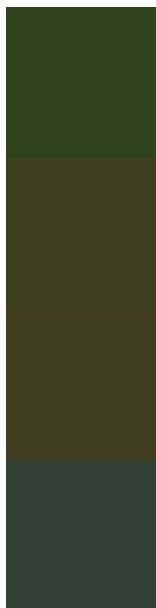
Deuteranopia

26, 19.529, 80.971



Tritanopia
26, 5.563, 235.075

Trichromacy



Original Color
26, 25.987, 128.586

Protanomaly
26, 22.156, 110.937

Deuteranomaly
26, 19.832, 101.538

Tritanomaly
26, 9.929, 151.492

Monochromacy



Original Color
26, 25.987, 128.586

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 9.939, 130.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 25.987, 128.586 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(46, 67, 29)` looks like.

```
.text, #text, p{  
    color:rgb(46, 67, 29)  
}
```

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(46, 67, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 67, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 25.987, 128.586 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(46, 67, 29) }
```

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

```
.border{ border-color:rgb(46, 67, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 67, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 67, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 67, 29);  
box-shadow:4px 4px 4px 4px rgb(46, 67, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 25.987, 128.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 67, 29) }
```

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

```
.background{ background-color: rgb(46, 67,  
29) }
```

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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