

Converting Colors

CIELCh(26, 28.436, 159.927)

Have a look what the booklet for
CIELCh(26, 28.436, 159.927)
contains.

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Color

CIELCh(26, 28.298, 160.111)

Conversions

Conversions Part 1

Format	Color
Hex	03472E
RGB	3, 71, 46
RGB Percent	1%, 28%, 18%
CMY	0.9873, 0.7209, 0.8190
CMYK	0.95, 0.00, 0.35, 0.72
HSL	158°, 91%, 15%
HSV	158°, 95%, 28%
XYZ	2.8001, 4.7465, 3.3688
YIQ	47.8180, -32.5030, -22.1910

Conversions

Conversions Part 2

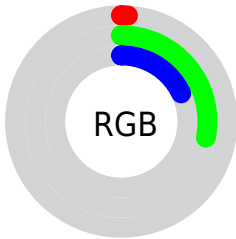
Format	Color
R_{YB}	3, 45, 71
Decimal	214830
CIE Lab	26.00, -26.61, 9.63
CIE LCh	26, 28.298, 160.111
Yxy	4.7465, 0.2565, 0.4348
Android (android.graphics.Color)	4278404910 (0xFF03472E)
YUV	47.8180, -0.8963, -39.3054
Hunter-Lab	21.7865, -15.1846, 6.0826

Details

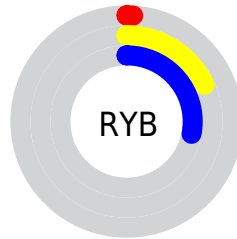
The CIELCh color **26, 28.298, 160.111** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13, 32.419, 7.408**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 28.270, 160.455**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 29.261, 159.485**, and if you desaturate by 10%, it is **26, 26.214, 161.676**.

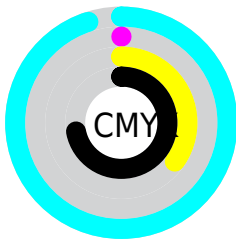
Distribution



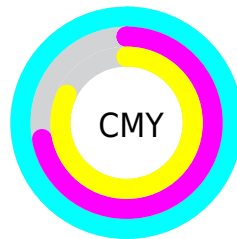
- Red (1%)
- Green (28%)
- Blue (18%)



- Red (1%)
- Yellow (18%)
- Blue (28%)



- Cyan (95%)
- Magenta (0%)
- Yellow (35%)
- Black (72%)





- Cyan (99%)
- Magenta (72%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 28.298, 160.111 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, 28.298, 160.111 by changing the saturation by 10% instead.

 26, 28.298,
160.111


 26, 28.298,
160.111

 100, 28.298,
160.111


 16, 28.298,
160.111


 46, 28.298,
160.111


 6, 28.298, 160.111

 56, 28.298,
160.111

 0, 28.298, 160.111

 66, 28.298,
160.111

 76, 28.298,
160.111

 86, 28.298,
160.111

 96, 28.298,

160.111

■ 26, 28.298,
160.111

■ 26, 28.298,
160.111

■ 26, 29.261,
159.485

■ 26, 26.214,
161.676

■ 26, 23.984,
163.278

■ 27, 21.449,
164.723

■ 27, 18.638,
166.026

■ 28, 15.590,
167.205

■ 28, 12.349,
168.278

■ 29, 8.965, 169.263

■ 29, 5.482, 170.180

■ 30, 1.942, 171.088

Harmonies

Complementary

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



26, 28.298, 160.111



13, 32.419, 7.408

Rectangle

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



26, 28.298, 160.111



26, 28.298, 210.111



26, 28.298, 340.111



26, 28.298, 30.111

Sweetspot

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



26, 28.298, 160.111



37, 12.555, 168.815



26, 42.582, 129.985



17, 8.470, 168.619



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, 28.298, 160.111



34, 35.355, 158.560



24, 17.376, 214.695



14, 1.986, 170.792



37, 37.547, 158.308



80, 70.766, 156.521

Inverse Universe

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



13, 32.419, 7.408



17, 40.139, 10.666



13, 33.577, 34.684



13, 2.022, 352.043



19, 42.483, 11.256



48, 78.416, 15.541

Previews

White Background



This preview shows how the CIE LCh color 26, 28.298, 160.111 looks on a white background.

Color Contrast Check

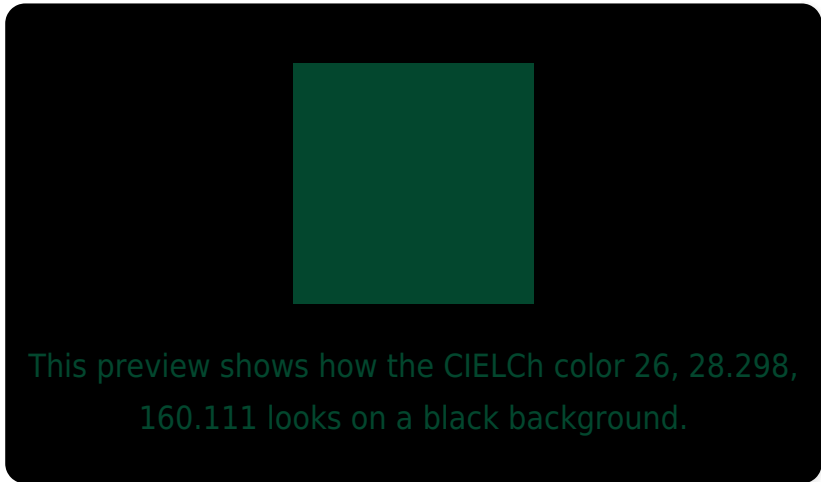
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.298, 160.111

Background



This preview shows how black text looks on a background with the CIELCh color 26, 28.298, 160.111.



This preview shows how white text looks on a background with the CIELCh color 26, 28.298, 160.111.

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, 28.298, 160.111

Protanopia
26, 13.187, 96.547

Deuteranopia
26, 9.200, 64.876



Tritanopia
26, 14.983, 209.948

Trichromacy



Original Color
26, 28.298, 160.111

Protanomaly
25, 16.811, 142.490

Deuteranomaly
25, 12.341, 144.693

Tritanomaly
26, 18.532, 184.122

Monochromacy



Original Color
26, 28.298, 160.111

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 12.182, 167.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 28.298, 160.111 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(3, 71, 46)` looks like.

```
.text, #text, p{  
    color:rgb(3, 71, 46)  
}
```

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(3, 71, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 71, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 28.298, 160.111 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(3, 71, 46) }
```

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

```
.border{ border-color:rgb(3, 71, 46) }
```

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

Here you see how a box with a 4 pixel rgb(3, 71, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 71, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 71, 46); box-shadow:4px  
4px 4px 4px rgb(3, 71, 46) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 28.298, 160.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 71, 46) }
```

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

```
.background{ background-color: rgb(3, 71,  
46) }
```

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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