

Converting Colors

CIELCh(26, 28.132, 158.489)

Have a look what the booklet for
CIELCh(26, 28.132, 158.489)
contains.

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Color

CIELCh(26, 28.116, 158.336)

Conversions

Conversions Part 1

Format	Color
Hex	08472D
RGB	8, 71, 45
RGB Percent	3%, 28%, 18%
CMY	0.9687, 0.7216, 0.8236
CMYK	0.89, 0.00, 0.37, 0.72
HSL	155°, 80%, 15%
HSV	155°, 89%, 28%
XYZ	2.8263, 4.7465, 3.2491
YIQ	49.1990, -29.2020, -21.4420

Conversions

Conversions Part 2

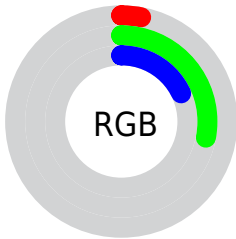
Format	Color
RYB	8, 48, 71
Decimal	542509
CIELab	26.00, -26.13, 10.38
CIELCh	26, 28.116, 158.336
Yxy	4.7465, 0.2612, 0.4386
Android (android.graphics.Color)	4278732589 (0xFF08472D)
YUV	49.1990, -2.0701, -36.1315
Hunter-Lab	21.7865, -14.9699, 6.4083

Details

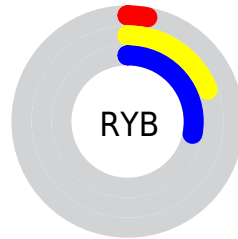
The CIELCh color **26, 28.116, 158.336** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13, 30.832, 1.853**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.952, 158.563**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.378, 156.846**, and if you desaturate by 10%, it is **26, 25.810, 159.997**.

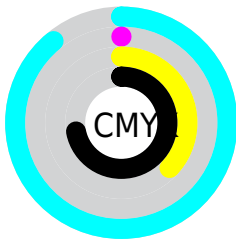
Distribution



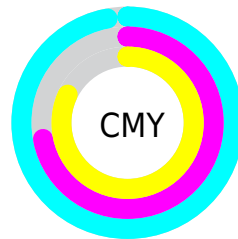
- Red (3%)
- Green (28%)
- Blue (18%)



- Red (3%)
- Yellow (19%)
- Blue (28%)



- Cyan (89%)
- Magenta (0%)
- Yellow (37%)
- Black (72%)




- Cyan (97%)
- Magenta (72%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 28.116, 158.336 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, 28.116, 158.336 by changing the saturation by 10% instead.

 26, 28.116,
158.336


 26, 28.116,
158.336

 100, 28.116,
158.336


 16, 28.116,
158.336


 46, 28.116,
158.336


 6, 28.116, 158.336

 56, 28.116,
158.336

 0, 28.116, 158.336

 66, 28.116,
158.336

 76, 28.116,
158.336

 86, 28.116,
158.336

 96, 28.116,

158.336

■ 26, 28.116,
158.336

■ 26, 28.116,
158.336

■ 26, 30.378,
156.846

■ 26, 25.810,
159.997

■ 26, 30.665,
156.678

■ 26, 23.212,
161.513

■ 27, 20.330,
162.875

■ 27, 17.204,
164.101

■ 28, 13.879,
165.209

■ 28, 10.405,
166.216

■ 29, 6.829, 167.143

■ 30, 3.194, 168.020

■ 30, 0.463, 348.282

Harmonies

Complementary

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



26, 28.116, 158.336



13, 30.832, 1.853

Rectangle

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



26, 28.116, 158.336



26, 28.116, 208.336



26, 28.116, 338.336



26, 28.116, 28.336

Sweetspot

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



26, 28.116, 158.336



37, 12.105, 166.283



26, 39.904, 129.111



17, 8.029, 166.157



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, 28.116, 158.336



34, 37.166, 155.725



25, 17.297, 208.485



14, 2.045, 168.032



37, 39.484, 155.468



80, 74.594, 153.656

Inverse Universe

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



13, 30.832, 1.853



17, 40.022, 6.629



14, 32.149, 33.196



13, 2.077, 349.257



19, 42.322, 7.177



48, 77.594, 11.196

Previews

White Background



This preview shows how the CIE LCh color 26, 28.116, 158.336 looks on a white background.

Color Contrast Check

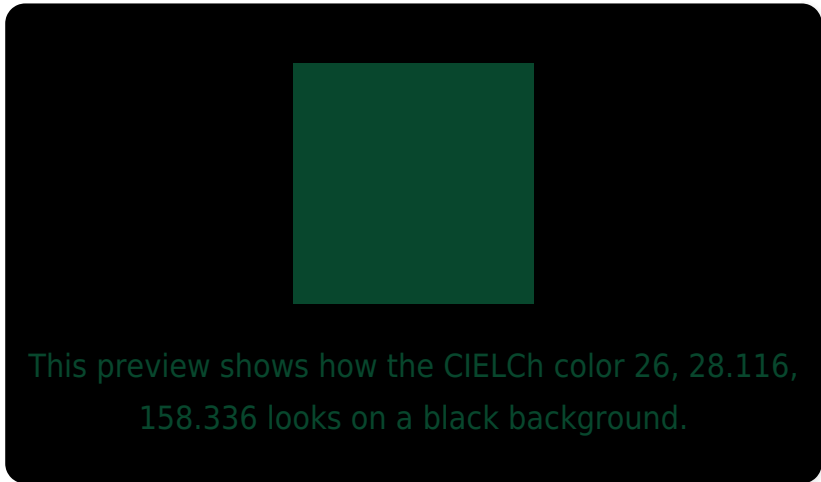
Large Text (above 18pt) WCAG AA ✓ Pass

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

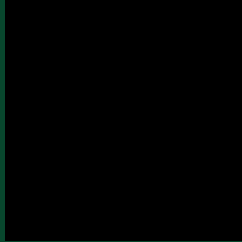
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 28.116, 158.336

Background



This preview shows how black text looks on a background with the CIELCh color 26, 28.116, 158.336.



This preview shows how white text looks on a background with the CIELCh color 26, 28.116, 158.336.

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

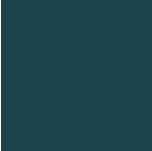
26, 28.116, 158.336

Protanopia

26, 13.813, 96.873

Deuteranopia

26, 9.703, 67.302



Tritanopia
26, 14.760, 210.174

Trichromacy



Original Color
26, 28.116, 158.336

Protanomaly
25, 17.406, 137.883

Deuteranomaly
25, 12.369, 139.792

Tritanomaly
26, 18.152, 183.923

Monochromacy



Original Color
26, 28.116, 158.336

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 11.830, 166.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 28.116, 158.336 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(8, 71, 45)` looks like.

```
.text, #text, p{  
    color:rgb(8, 71, 45)  
}
```

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(8, 71, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 71, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 28.116, 158.336 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(8, 71, 45) }
```

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

```
.border{ border-color:rgb(8, 71, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 71, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 71, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 71, 45); box-shadow:4px  
4px 4px 4px rgb(8, 71, 45) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 28.116, 158.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 71, 45) }
```

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

```
.background{ background-color: rgb(8, 71,  
45) }
```

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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