

Converting Colors

CIELCh(25, 28.676, 196.376)

Have a look what the booklet for
CIELCh(25, 28.676, 196.376)
contains.

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Color

CIELCh(26, 19.586, 198.367)

Conversions

Conversions Part 1

Format	Color
Hex	004546
RGB	0, 69, 70
RGB Percent	0%, 27%, 27%
CMY	1.0000, 0.7279, 0.7239
CMYK	1.00, 0.01, 0.00, 0.72
HSL	181°, 100%, 14%
HSV	181°, 100%, 28%
XYZ	3.2595, 4.7465, 6.6053
YIQ	48.4830, -41.4450, -14.3170

Conversions

Conversions Part 2

Format	Color
RYB	0, 35, 70
Decimal	17734
CIELab	26.00, -18.59, -6.17
CIELCh	26, 19.586, 198.367
Yxy	4.7465, 0.2231, 0.3248
Android (android.graphics.Color)	4278207814 (0xFF004546)
YUV	48.4830, 10.6079, -42.5196
Hunter-Lab	21.7865, -11.4203, -2.7253

Details

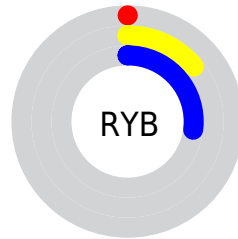
The CIELCh color **26, 19.586, 198.367** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 36.145, 30.129**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 19.523, 197.299**, and **8, 9.949, 198.382** is the 20% darker color. If you saturate the color by 10%, you get **26, 19.472, 198.394**, and if you desaturate by 10%, it is **26, 18.612, 198.403**.

Distribution



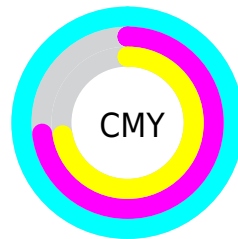
- Red (0%)
- Green (27%)
- Blue (27%)



- Red (0%)
- Yellow (14%)
- Blue (27%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (72%)





- Cyan (100%)
- Magenta (73%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 19.586, 198.367 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, 19.586, 198.367 by changing the saturation by 10% instead.

 26, 19.586,
198.367


 26, 19.586,
198.367

 100, 19.586,
198.367


 16, 19.586,
198.367


 46, 19.586,
198.367


 6, 19.586, 198.367

 56, 19.586,
198.367

 0, 19.586, 198.367

 66, 19.586,
198.367

 76, 19.586,
198.367

 86, 19.586,
198.367

 96, 19.586,

198.367

■ 26, 19.586,
198.367

■ 26, 19.586,
198.367

■ 26, 19.472,
198.394

■ 26, 18.612,
198.403

■ 26, 17.715,
198.411

■ 27, 16.508,
198.482

■ 27, 14.961,
198.623

■ 27, 13.089,
198.830

■ 28, 10.920,
199.098

■ 28, 8.488, 199.425

■ 29, 5.831, 199.806

■ 29, 2.989, 200.258

Harmonies

Complementary

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



26, 19.586, 198.367



12, 36.145, 30.129

Rectangle

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



26, 19.586, 198.367



26, 19.586, 248.367



26, 19.586, 18.367



26, 19.586, 68.367

Sweetspot

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



26, 19.472, 198.394



37, 10.537, 199.382



25, 47.193, 136.270



17, 7.039, 199.319



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, 19.472, 198.394



34, 23.312, 198.476



14, 25.743, 278.541



14, 1.690, 200.332



37, 24.646, 198.498



81, 44.957, 198.660

Inverse Universe

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



14, 45.272, 328.747



20, 54.218, 328.768



18, 30.000, 62.174



13, 3.092, 325.218



22, 57.325, 328.774



54, 104.631, 328.815

Previews

White Background



This preview shows how the CIELCh color 26, 19.586, 198.367 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



This preview shows how the CIELCh color 26, 19.586, 198.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

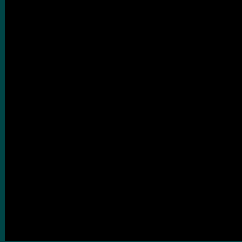
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 19.586, 198.367

Background



This preview shows how black text looks on a background with the CIELCh color 26, 19.586, 198.367.



This preview shows how white text looks on a background with the CIELCh color 26, 19.586, 198.367.

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, 19.398, 198.391

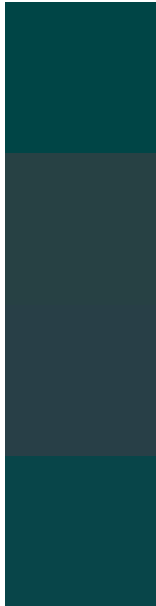
Protanopia
26, 2.618, 290.718

Deuteranopia
26, 7.999, 300.912



Tritanopia
26, 17.489, 207.741

Trichromacy



Original Color
26, 19.398, 198.391

Protanomaly
26, 10.293, 208.939

Deuteranomaly
25, 10.101, 229.856

Tritanomaly
26, 18.040, 205.161

Monochromacy



Original Color
26, 19.398, 198.391

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 10.022, 201.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 19.586, 198.367 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(0, 69, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 70)  
}
```

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(0, 69, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 19.586, 198.367 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(0, 69, 70) }
```

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

```
.border{ border-color:rgb(0, 69, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 70); box-shadow:4px  
4px 4px 4px rgb(0, 69, 70) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 19.586, 198.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 70) }
```

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

```
.background{ background-color: rgb(0, 69,  
70) }
```

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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