

Converting Colors

CIELCh(25, 29.328, 201.273)

Have a look what the booklet for
CIELCh(25, 29.328, 201.273)
contains.

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Color

CIELCh(26, 19.127, 206.571)

Conversions

Conversions Part 1

Format	Color
Hex	00454A
RGB	0, 69, 74
RGB Percent	0%, 27%, 29%
CMY	1.0000, 0.7293, 0.7097
CMYK	1.00, 0.07, 0.00, 0.71
HSL	184°, 100%, 15%
HSV	184°, 100%, 29%
XYZ	3.3495, 4.7465, 7.2249
YIQ	48.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

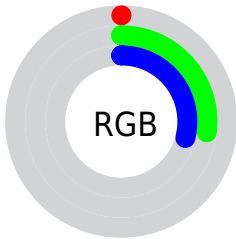
Format	Color
RYB	0, 36, 74
Decimal	17738
CIELab	26.00, -17.11, -8.56
CIELCh	26, 19.127, 206.571
Yxy	4.7465, 0.2186, 0.3098
Android (android.graphics.Color)	4278207818 (0xFF00454A)
YUV	48.9390, 12.3551, -42.9195
Hunter-Lab	21.7865, -10.6830, -4.4115

Details

The CIELCh color **26, 19.127, 206.571** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 36.897, 33.377**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 18.955, 206.543**, and **8, 9.979, 211.429** is the 20% darker color. If you saturate the color by 10%, you get **26, 18.948, 206.689**, and if you desaturate by 10%, it is **26, 18.186, 206.143**.

Distribution



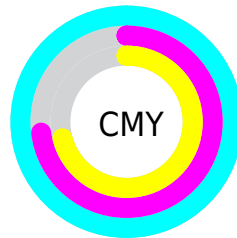
- Red (0%)
- Green (27%)
- Blue (29%)



- Red (0%)
- Yellow (14%)
- Blue (29%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (71%)





- Cyan (100%)
- Magenta (73%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 19.127, 206.571 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, 19.127, 206.571 by changing the saturation by 10% instead.

 26, 19.127,
206.571


 26, 19.127,
206.571

 100, 19.127,
206.571


 16, 19.127,
206.571


 46, 19.127,
206.571


 6, 19.127, 206.571

 56, 19.127,
206.571

 0, 19.127, 206.571

 66, 19.127,
206.571

 76, 19.127,
206.571

 86, 19.127,
206.571

 96, 19.127,

206.571

■ 26, 19.127,
206.571

■ 26, 19.127,
206.571

■ 26, 18.948,
206.689

■ 26, 18.186,
206.143

■ 27, 17.374,
205.578

■ 27, 16.232,
205.162

■ 28, 14.739,
204.894

■ 28, 12.914,
204.758

■ 29, 10.786,
204.736

■ 29, 8.391, 204.814

■ 30, 5.769, 204.980

■ 31, 2.960, 205.244

Harmonies

Complementary

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



26, 19.127, 206.571



13, 36.897, 33.377

Rectangle

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



26, 19.127, 206.571



26, 19.127, 256.571



26, 19.127, 26.571



26, 19.127, 76.571

Sweetspot

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



26, 18.948, 206.689



38, 10.445, 204.800



26, 47.286, 137.505



18, 6.980, 204.779



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26, 18.948, 206.689



34, 22.731, 207.129



13, 30.309, 285.282



15, 1.702, 205.290



36, 23.553, 207.204



78, 42.414, 208.060

Inverse Universe

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



15, 45.085, 330.821



21, 54.126, 330.929



20, 31.642, 68.685



14, 3.163, 326.722



22, 56.090, 330.948



54, 101.138, 331.158

Previews

White Background



This preview shows how the CIE LCh color 26, 19.127, 206.571 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, 19.127, 206.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

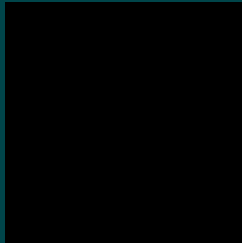
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 19.127, 206.571

Background



This preview shows how black text looks on a background with the CIELCh color 26, 19.127, 206.571.



This preview shows how white text looks on a background with the CIELCh color 26, 19.127, 206.571.

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, 18.941, 206.697

Protanopia

26, 4.591, 285.738

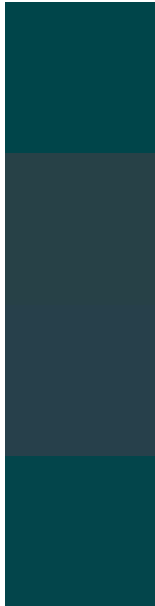
Deuteranopia

26, 9.823, 292.145



Tritanopia
26, 18.287, 209.307

Trichromacy



Original Color
26, 18.941, 206.697

Protanomaly
26, 10.559, 220.010

Deuteranomaly
26, 11.502, 237.462

Tritanomaly
26, 18.524, 209.111

Monochromacy



Original Color
26, 18.941, 206.697

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 9.984, 205.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 19.127, 206.571 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 19.127, 206.571 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, 74) }
```

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

```
.border{ border-color:rgb(0, 69, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 74); box-shadow:4px  
4px 4px 4px rgb(0, 69, 74) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 19.127, 206.571 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, 74) }
```

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

```
.background{ background-color: rgb(0, 69,  
74) }
```

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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