

Converting Colors

CIELCh(26, 18.552, 202.751)

Have a look what the booklet for
CIELCh(26, 18.552, 202.751)
contains.

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Color

CIELCh(26, 18.499, 202.786)

Conversions

Conversions Part 1

Format	Color
Hex	054548
RGB	5, 69, 72
RGB Percent	2%, 27%, 28%
CMY	0.9808, 0.7297, 0.7179
CMYK	0.93, 0.04, 0.00, 0.72
HSL	183°, 87%, 15%
HSV	183°, 93%, 28%
XYZ	3.3527, 4.7465, 6.8589
YIQ	50.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

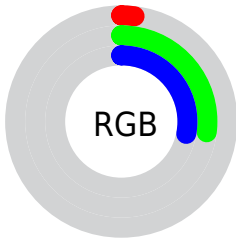
Format	Color
R_YB	5, 38, 72
Decimal	345416
CIE Lab	26.00, -17.06, -7.16
CIE LCh	26, 18.499, 202.786
Yxy	4.7465, 0.2241, 0.3173
Android (android.graphics.Color)	4278535496 (0xFF054548)
YUV	50.2060, 10.7444, -39.6457
Hunter-Lab	21.7865, -10.6571, -3.4153

Details

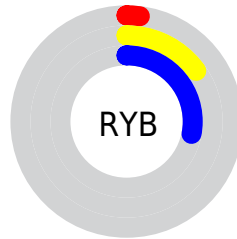
The CIELCh color **26, 18.499, 202.786** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 34.373, 31.861**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 18.556, 201.132**, and **8, 9.922, 207.086** is the 20% darker color. If you saturate the color by 10%, you get **26, 19.047, 202.974**, and if you desaturate by 10%, it is **26, 17.701, 202.476**.

Distribution



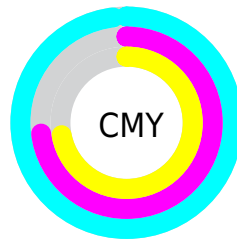
- Red (2%)
- Green (27%)
- Blue (28%)



- Red (2%)
- Yellow (15%)
- Blue (28%)



- Cyan (93%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)





- Cyan (98%)
- Magenta (73%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 18.499, 202.786 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, 18.499, 202.786 by changing the saturation by 10% instead.

 26, 18.499,
202.786


 26, 18.499,
202.786

 100, 18.499,
202.786


 16, 18.499,
202.786


 46, 18.499,
202.786


 6, 18.499, 202.786

 56, 18.499,
202.786

 0, 18.499, 202.786

 66, 18.499,
202.786

 76, 18.499,
202.786

 86, 18.499,
202.786

 96, 18.499,

202.786

■ 26, 18.499,
202.786

■ 26, 18.499,
202.786

■ 26, 19.047,
202.974

■ 26, 17.701,
202.476

■ 27, 16.651,
202.246

■ 27, 15.253,
202.131

■ 27, 13.522,
202.120

■ 28, 11.483,
202.202

■ 28, 9.168, 202.368

■ 29, 6.616, 202.608

■ 30, 3.867, 202.924

■ 30, 0.957, 203.470

Harmonies

Complementary

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



26, 18.499, 202.786



13, 34.373, 31.861

Rectangle

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



26, 18.499, 202.786



26, 18.499, 252.786



26, 18.499, 22.786



26, 18.499, 72.786

Sweetspot

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



26, 18.499, 202.785



38, 9.818, 202.457



26, 45.000, 137.428



18, 6.781, 202.403



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, 18.499, 202.785



34, 22.880, 203.257



14, 25.877, 280.076



14, 1.640, 203.109



36, 23.729, 203.305



79, 43.178, 203.858

Inverse Universe

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



15, 43.086, 329.701



21, 54.035, 329.971



20, 29.040, 66.670



13, 3.029, 326.060



22, 56.048, 329.983



53, 102.128, 330.121

Previews

White Background



This preview shows how the CIELCh color 26, 18.499, 202.786 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, 18.499, 202.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

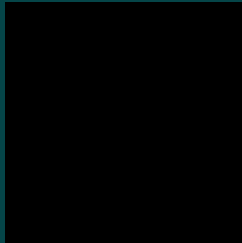
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 18.499, 202.786

Background



This preview shows how black text looks on a background with the CIELCh color 26, 18.499, 202.786.



This preview shows how white text looks on a background with the CIELCh color 26, 18.499, 202.786.

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, 18.499, 202.786

Protanopia

26, 3.935, 290.987

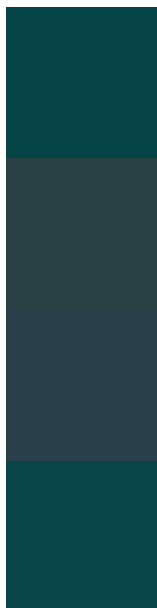
Deuteranopia

26, 9.242, 297.207



Tritanopia
26, 17.738, 207.552

Trichromacy



Original Color
26, 18.499, 202.786

Protanomaly
25, 9.495, 218.453

Deuteranomaly
25, 10.431, 237.744

Tritanomaly
26, 18.040, 205.161

Monochromacy



Original Color
26, 18.499, 202.786

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 9.343, 201.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 18.499, 202.786 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(5, 69, 72)` looks like.

```
.text, #text, p{  
    color:rgb(5, 69, 72)  
}
```

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(5, 69, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 69, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 18.499, 202.786 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(5, 69, 72) }
```

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

```
.border{ border-color:rgb(5, 69, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 69, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 69, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 69, 72); box-shadow:4px  
4px 4px 4px rgb(5, 69, 72) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 18.499, 202.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 69, 72) }
```

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

```
.background{ background-color: rgb(5, 69,  
72) }
```

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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