

Converting Colors

CIELCh(23, 39.520, 196.967)

Have a look what the booklet for
CIELCh(23, 39.520, 196.967)
contains.

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Color

CIELCh(26, 18.936, 202.571)

Conversions

Conversions Part 1

Format	Color
Hex	024548
RGB	2, 69, 72
RGB Percent	1%, 27%, 28%
CMY	0.9936, 0.7291, 0.7173
CMYK	0.98, 0.04, 0.00, 0.72
HSL	183°, 96%, 14%
HSV	183°, 98%, 28%
XYZ	3.3264, 4.7465, 6.8857
YIQ	49.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

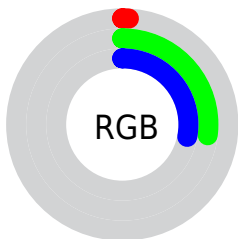
Format	Color
R_{YB}	2, 36, 72
Decimal	148808
CIE _{Lab}	26.00, -17.49, -7.27
CIE _{LCh}	26, 18.936, 202.571
Yxy	4.7465, 0.2224, 0.3173
Android (android.graphics.Color)	4278338888 (0xFF024548)
YUV	49.3090, 11.1867, -41.4900
Hunter-Lab	21.7865, -10.8728, -3.4884

Details

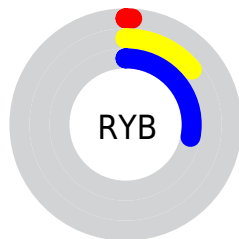
The CIELCh color **26, 18.936, 202.571** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 35.752, 31.845**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 19.085, 200.975**, and **8, 9.922, 207.086** is the 20% darker color. If you saturate the color by 10%, you get **26, 19.121, 202.626**, and if you desaturate by 10%, it is **26, 18.138, 202.297**.

Distribution



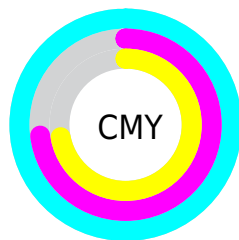
- Red (1%)
- Green (27%)
- Blue (28%)



- Red (1%)
- Yellow (14%)
- Blue (28%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)





- Cyan (99%)
- Magenta (73%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 18.936, 202.571 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, 18.936, 202.571 by changing the saturation by 10% instead.

 26, 18.936,
202.571


 26, 18.936,
202.571

 100, 18.936,
202.571


 16, 18.936,
202.571


 46, 18.936,
202.571


 6, 18.936, 202.571

 56, 18.936,
202.571

 0, 18.936, 202.571

 66, 18.936,
202.571

 76, 18.936,
202.571

 86, 18.936,
202.571

 96, 18.936,

202.571

■ 26, 18.936,
202.571

■ 26, 18.936,
202.571

■ 26, 19.121,
202.626

■ 26, 18.138,
202.297

■ 27, 17.236,
202.038

■ 27, 15.990,
201.891

■ 27, 14.402,
201.850

■ 28, 12.490,
201.906

■ 28, 10.287,
202.046

■ 29, 7.828, 202.264

■ 29, 5.153, 202.552

■ 30, 2.300, 202.940

Harmonies

Complementary

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



26, 18.936, 202.571



13, 35.752, 31.845

Rectangle

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



26, 18.936, 202.571



26, 18.936, 252.571



26, 18.936, 22.571



26, 18.936, 72.571

Sweetspot

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



26, 18.936, 202.570



38, 10.157, 202.204



26, 46.478, 137.041



18, 6.974, 202.152



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, 18.936, 202.570



34, 22.940, 202.891



14, 27.232, 281.436



14, 1.644, 202.899



36, 23.792, 202.937



79, 43.298, 203.458

Inverse Universe

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



15, 44.446, 329.748



21, 54.125, 329.880



19, 30.181, 65.839



13, 3.034, 325.996



22, 56.141, 329.892



53, 102.310, 330.021

Previews

White Background



This preview shows how the CIELCh color 26, 18.936, 202.571 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, 18.936, 202.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

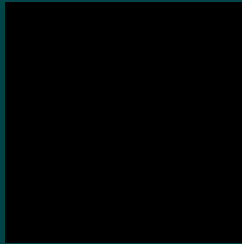
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

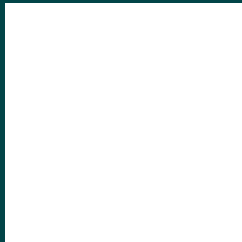
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 18.936, 202.571

Background



This preview shows how black text looks on a background with the CIELCh color 26, 18.936, 202.571.



This preview shows how white text looks on a background with the CIELCh color 26, 18.936, 202.571.

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, 18.873, 202.610

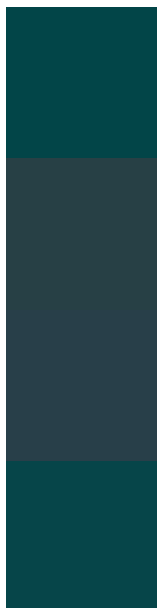
Protanopia
26, 3.935, 290.987

Deuteranopia
26, 9.242, 297.207



Tritanopia
26, 17.856, 207.464

Trichromacy



Original Color
26, 18.873, 202.610

Protanomaly
25, 10.124, 217.046

Deuteranomaly
25, 10.686, 236.599

Tritanomaly
26, 18.283, 205.014

Monochromacy



Original Color
26, 18.873, 202.610

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 9.689, 201.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 18.936, 202.571 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(2, 69, 72)` looks like.

```
.text, #text, p{  
    color:rgb(2, 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(2, 69, 72) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 26, 18.936, 202.571 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(2, 69, 72) }
```

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

```
.border{ border-color:rgb(2, 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(2, 69, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 69, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 69, 72); box-shadow:4px  
4px 4px 4px rgb(2, 69, 72) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 18.936, 202.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 69, 72) }
```

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

```
.background{ background-color: rgb(2, 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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