

Converting Colors

CIELCh(26, 18.761, 239.681)

Have a look what the booklet for
CIELCh(26, 18.761, 239.681)
contains.

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Color

CIELCh(26, 18.761, 239.681)

Conversions

Conversions Part 1

Format	Color
Hex	0E4356
RGB	14, 67, 86
RGB Percent	5%, 26%, 34%
CMY	0.9465, 0.7381, 0.6637
CMYK	0.84, 0.22, 0.00, 0.66
HSL	196°, 73%, 19%
HSV	196°, 84%, 34%
XYZ	3.8398, 4.7465, 9.4689
YIQ	53.3190, -37.6870, -5.3270

Conversions

Conversions Part 2

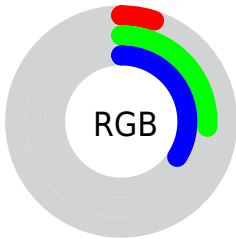
Format	Color
R_{YB}	14, 45, 86
Decimal	934742
CIE _{Lab}	26.00, -9.47, -16.20
CIE _{LCh}	26, 18.761, 239.681
Yxy	4.7465, 0.2127, 0.2629
Android (android.graphics.Color)	4279124822 (0xFF0E4356)
YUV	53.3190, 16.1117, -34.4828
Hunter-Lab	21.7865, -6.6666, -10.5183

Details

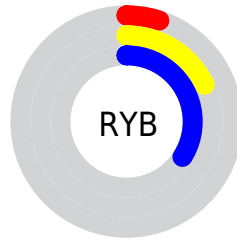
The CIELCh color **26, 18.761, 239.681** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20, 33.617, 45.850**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 18.823, 240.088**, and **8, 14.015, 259.028** is the 20% darker color. If you saturate the color by 10%, you get **25, 19.867, 243.034**, and if you desaturate by 10%, it is **27, 17.455, 236.742**.

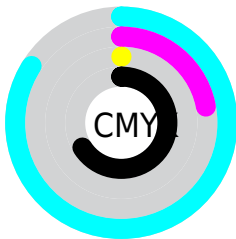
Distribution



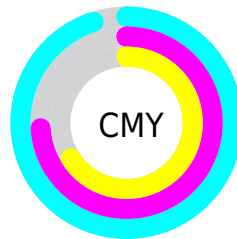
- Red (5%)
- Green (26%)
- Blue (34%)



- Red (5%)
- Yellow (18%)
- Blue (34%)



- Cyan (84%)
- Magenta (22%)
- Yellow (0%)
- Black (66%)



- Cyan (95%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 18.761, 239.681 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, 18.761, 239.681 by changing the saturation by 10% instead.

■ 26, 18.761,
239.681

■ 26, 18.761,
239.681

■ 100, 18.761,
239.681

■ 16, 18.761,
239.681

■ 46, 18.761,
239.681

■ 6, 18.761, 239.681

■ 56, 18.761,
239.681

■ 0, 18.761, 239.681

■ 66, 18.761,
239.681

■ 76, 18.761,
239.681

■ 86, 18.761,
239.681

■ 96, 18.761,

239.681

■ 26, 18.761,
239.681

■ 26, 18.761,
239.681

■ 25, 19.867,
243.034

■ 27, 17.455,
236.742

■ 24, 20.549,
244.880

■ 28, 15.869,
234.333

■ 29, 14.000,
232.387

■ 30, 11.863,
230.831

■ 32, 9.485, 229.599

■ 33, 6.897, 228.634

■ 34, 4.134, 227.896

■ 36, 1.228, 227.463

■ 37, 1.792, 46.613

Harmonies

Complementary

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



26, 18.761, 239.681



20, 33.617, 45.850

Rectangle

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



26, 18.761, 239.681



26, 18.761, 289.681



26, 18.761, 59.681



26, 18.761, 109.681

Sweetspot

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



26, 18.760, 239.681



43, 8.888, 228.786



31, 42.377, 143.621



21, 5.964, 228.975



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



26, 18.760, 239.681



33, 25.023, 246.613



14, 38.097, 293.734



17, 1.674, 227.601



31, 24.175, 246.339



66, 43.855, 249.769

Inverse Universe

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



19, 40.128, 339.194



24, 52.039, 341.479



30, 33.453, 87.191



16, 3.066, 333.333



23, 50.397, 341.389



53, 88.555, 342.540

Previews

White Background



This preview shows how the CIELCh color 26, 18.761, 239.681 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 CIE LCh color 26, 18.761, 239.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

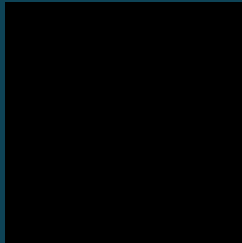
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

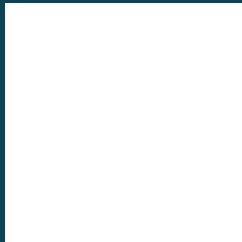
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 18.761, 239.681

Background



This preview shows how black text looks on a background with the CIELCh color 26, 18.761, 239.681.



This preview shows how white text looks on a background with the CIELCh color 26, 18.761, 239.681.

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, 18.761, 239.681

Protanopia

26, 13.185, 284.307

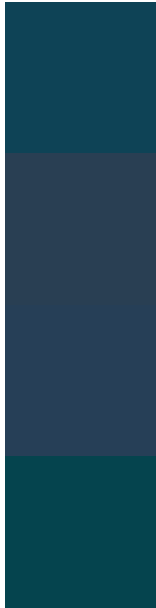
Deuteranopia

26, 17.216, 282.517



Tritanopia
26, 18.941, 206.697

Trichromacy



Original Color
26, 18.761, 239.681

Protanomaly
26, 14.911, 261.136

Deuteranomaly
26, 17.431, 264.256

Tritanomaly
26, 18.154, 218.386

Monochromacy



Original Color
26, 18.761, 239.681

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 8.715, 230.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 18.761, 239.681 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(14, 67, 86)` looks like.

```
.text, #text, p{  
    color:rgb(14, 67, 86)  
}
```

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(14, 67, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 67, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 18.761, 239.681 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(14, 67, 86) }
```

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

```
.border{ border-color:rgb(14, 67, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 67, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 67, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 67, 86);  
box-shadow:4px 4px 4px 4px rgb(14, 67, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 18.761, 239.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 67, 86) }
```

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

```
.background{ background-color: rgb(14, 67,  
86) }
```

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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