

Converting Colors

CIELCh(26, 19.495, 232.095)

Have a look what the booklet for
CIELCh(26, 19.495, 232.095)
contains.

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Color

CIELCh(26, 19.340, 230.426)

Conversions

Conversions Part 1

Format	Color
Hex	014454
RGB	1, 68, 84
RGB Percent	0%, 27%, 33%
CMY	0.9976, 0.7342, 0.6715
CMYK	0.99, 0.19, 0.00, 0.67
HSL	192°, 99%, 17%
HSV	192°, 99%, 33%
XYZ	3.6516, 4.7465, 9.0621
YIQ	49.7910, -45.0680, -9.2280

Conversions

Conversions Part 2

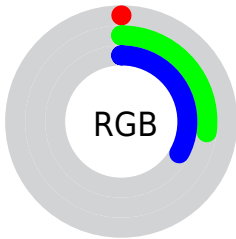
Format	Color
RYB	1, 38, 84
Decimal	83028
CIELab	26.00, -12.32, -14.91
CIELCh	26, 19.340, 230.426
Yxy	4.7465, 0.2091, 0.2718
Android (android.graphics.Color)	4278273108 (0xFF014454)
YUV	49.7910, 16.8650, -42.7897
Hunter-Lab	21.7865, -8.2086, -9.4111

Details

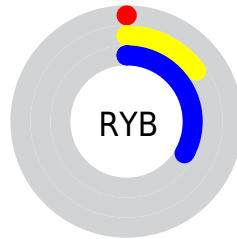
The CIELCh color **26, 19.340, 230.426** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17, 39.304, 40.220**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 19.433, 231.614**, and **8, 12.614, 249.901** is the 20% darker color. If you saturate the color by 10%, you get **26, 19.402, 230.590**, and if you desaturate by 10%, it is **27, 18.521, 228.048**.

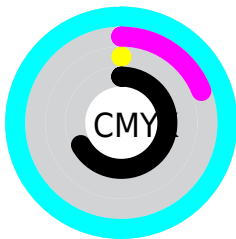
Distribution



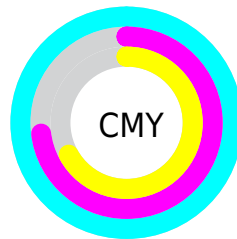
- Red (0%)
- Green (27%)
- Blue (33%)



- Red (0%)
- Yellow (15%)
- Blue (33%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)
- Black (67%)




- Cyan (100%)
- Magenta (73%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 19.340, 230.426 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, 19.340, 230.426 by changing the saturation by 10% instead.

 26, 19.340,
230.426


 26, 19.340,
230.426

 100, 19.340,
230.426


 16, 19.340,
230.426


 46, 19.340,
230.426


 6, 19.340, 230.426

 56, 19.340,
230.426

 0, 19.340, 230.426

 66, 19.340,
230.426

 76, 19.340,
230.426

 86, 19.340,
230.426

 96, 19.340,

230.426

■ 26, 19.340,
230.426

■ 26, 19.340,
230.426

■ 26, 19.402,
230.590

■ 27, 18.521,
228.048

■ 27, 17.620,
225.711

■ 28, 16.386,
223.826

■ 29, 14.813,
222.336

■ 30, 12.917,
221.179

■ 31, 10.728,
220.298

■ 32, 8.281, 219.645

■ 33, 5.616, 219.181

■ 34, 2.770, 218.899

Harmonies

Complementary

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



26, 19.340, 230.426



17, 39.304, 40.220

Rectangle

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



26, 19.340, 230.426



26, 19.340, 280.426



26, 19.340, 50.426



26, 19.340, 100.426

Sweetspot

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



26, 19.339, 230.426



42, 10.540, 219.746



30, 48.621, 139.736



21, 7.185, 219.904



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, 19.339, 230.426



34, 23.446, 231.950



12, 40.632, 294.218



16, 1.636, 218.890



33, 22.663, 231.729



71, 40.820, 234.503

Inverse Universe

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



17, 44.631, 336.750



24, 53.806, 337.166



26, 36.165, 79.486



15, 3.063, 330.716



22, 52.063, 337.106



53, 92.483, 337.861

Previews

White Background



This preview shows how the CIE LCh color 26, 19.340, 230.426 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, 19.340, 230.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

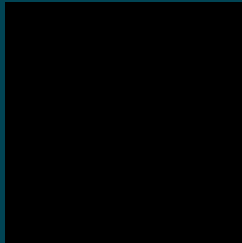
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 19.340, 230.426

Background



This preview shows how black text looks on a background with the CIELCh color 26, 19.340, 230.426.



This preview shows how white text looks on a background with the CIELCh color 26, 19.340, 230.426.

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, 19.340, 230.426

Protanopia

26, 11.854, 284.856

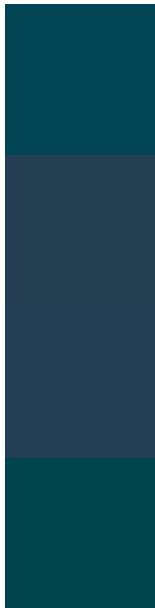
Deuteranopia

26, 15.796, 285.060



Tritanopia
26, 18.941, 206.697

Trichromacy



Original Color
26, 19.340, 230.426

Protanomaly
25, 14.705, 252.647

Deuteranomaly
25, 16.770, 258.873

Tritanomaly
26, 18.849, 215.248

Monochromacy



Original Color
26, 19.340, 230.426

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 9.983, 221.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 19.340, 230.426 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(1, 68, 84)` looks like.

```
.text, #text, p{  
    color:rgb(1, 68, 84)  
}
```

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(1, 68, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 68, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 19.340, 230.426 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(1, 68, 84) }
```

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

```
.border{ border-color:rgb(1, 68, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 68, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 68, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 68, 84); box-shadow:4px  
4px 4px 4px rgb(1, 68, 84) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 19.340, 230.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 68, 84) }
```

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

```
.background{ background-color: rgb(1, 68,  
84) }
```

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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