

Converting Colors

CIELCh(26, 12.310, 176.051)

Have a look what the booklet for
CIELCh(26, 12.310, 176.051)
contains.

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Color

CIELCh(26, 12.554, 175.854)

Conversions

Conversions Part 1

Format	Color
Hex	27433C
RGB	39, 67, 60
RGB Percent	15%, 26%, 24%
CMY	0.8477, 0.7379, 0.7654
CMYK	0.42, 0.00, 0.10, 0.74
HSL	165°, 26%, 21%
HSV	165°, 42%, 26%
XYZ	3.6386, 4.7465, 4.9762
YIQ	57.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

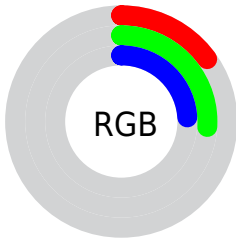
Format	Color
RYB	39, 55, 67
Decimal	2573116
CIELab	26.00, -12.52, 0.91
CIELCh	26, 12.554, 175.854
Yxy	4.7465, 0.2723, 0.3552
Android (android.graphics.Color)	4280763196 (0xFF27433C)
YUV	57.8300, 1.0698, -16.5139
Hunter-Lab	21.7865, -8.3149, 1.7082

Details

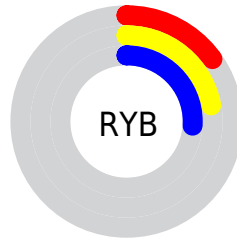
The CIELCh color **26, 12.554, 175.854** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19, 14.335, 3.948**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 12.377, 175.369**, and **7, 10.188, 170.810** is the 20% darker color. If you saturate the color by 10%, you get **26, 15.170, 174.806**, and if you desaturate by 10%, it is **26, 9.749, 176.826**.

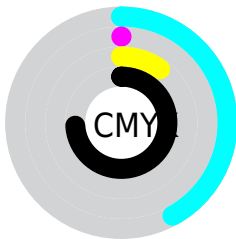
Distribution



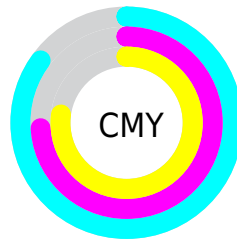
- Red (15%)
- Green (26%)
- Blue (24%)



- Red (15%)
- Yellow (22%)
- Blue (26%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (74%)





- Cyan (85%)
- Magenta (74%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 12.554, 175.854 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, 12.554, 175.854 by changing the saturation by 10% instead.

 26, 12.554,
175.854


 26, 12.554,
175.854

 100, 12.554,
175.854


 16, 12.554,
175.854


 46, 12.554,
175.854


 6, 12.554, 175.854

 56, 12.554,
175.854

 0, 12.554, 175.854

 66, 12.554,
175.854

 76, 12.554,
175.854

 86, 12.554,
175.854

 96, 12.554,

175.854

■ 26, 12.554,
175.854

■ 26, 12.554,
175.854

■ 26, 15.170,
174.806

■ 26, 9.749, 176.826

■ 25, 17.555,
173.671

■ 27, 6.795, 177.742

■ 25, 19.674,
172.431

■ 28, 3.732, 178.624

■ 25, 21.504,
171.070

■ 29, 2.581, 0.058

■ 25, 23.116,
169.659

■ 30, 5.772, 0.847

■ 24, 24.450,
168.653

■ 31, 12.119, 2.266

Harmonies

Complementary

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



26, 12.554, 175.854



19, 14.335, 3.948

Rectangle

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



26, 12.554, 175.854



26, 12.554, 225.854



26, 12.554, 355.854



26, 12.554, 45.854

Sweetspot

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



26, 12.554, 175.852



36, 5.058, 178.479



26, 20.548, 135.384



17, 3.480, 178.384



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 12.554, 175.852



34, 18.139, 174.786



24, 9.290, 228.440



12, 1.739, 178.927



36, 32.002, 167.459



80, 60.417, 165.804

Inverse Universe

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



19, 14.335, 3.948



24, 21.431, 5.569



21, 11.932, 44.292



12, 1.784, 0.146



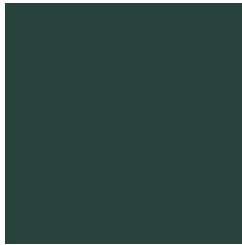
18, 43.269, 21.561



47, 82.245, 26.266

Previews

White Background



This preview shows how the CIELCh color 26, 12.554, 175.854 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, 12.554, 175.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

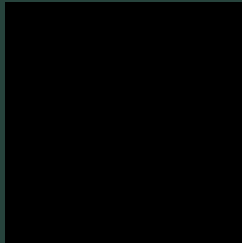
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 12.554, 175.854

Background



This preview shows how black text looks on a background with the CIELCh color 26, 12.554, 175.854.



This preview shows how white text looks on a background with the CIELCh color 26, 12.554, 175.854.

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](#).

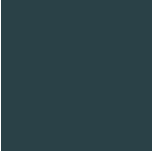
Dichromacy



Original Color
26, 12.554, 175.854

Protanopia
26, 2.952, 81.484

Deuteranopia
26, 3.892, 0.471



Tritanopia
26, 9.649, 222.337

Trichromacy



Original Color
26, 12.554, 175.854

Protanomaly
26, 4.898, 156.679

Deuteranomaly
26, 2.328, 182.725

Tritanomaly
26, 9.975, 201.610

Monochromacy



Original Color
26, 12.554, 175.854

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 4.625, 182.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 12.554, 175.854 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(39, 67, 60)` looks like.

```
.text, #text, p{  
    color:rgb(39, 67, 60)  
}
```

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(39, 67, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 67, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 12.554, 175.854 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(39, 67, 60) }
```

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

```
.border{ border-color:rgb(39, 67, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 67, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 67, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 67, 60);  
box-shadow:4px 4px 4px 4px rgb(39, 67, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 12.554, 175.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 67, 60) }
```

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

```
.background{ background-color: rgb(39, 67,  
60) }
```

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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