

Converting Colors

CIELCh(26, 12.645, 173.386)

Have a look what the booklet for
CIELCh(26, 12.645, 173.386)
contains.

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Color

CIELCh(26, 12.882, 173.228)

Conversions

Conversions Part 1

Format	Color
Hex	27433B
RGB	39, 67, 59
RGB Percent	15%, 26%, 23%
CMY	0.8474, 0.7376, 0.7690
CMYK	0.42, 0.00, 0.12, 0.74
HSL	163°, 26%, 21%
HSV	163°, 42%, 26%
XYZ	3.6210, 4.7465, 4.8497
YIQ	57.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

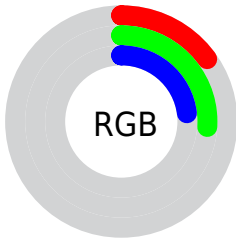
Format	Color
RYB	39, 55, 67
Decimal	2573115
CIELab	26.00, -12.79, 1.52
CIELCh	26, 12.882, 173.228
Yxy	4.7465, 0.2740, 0.3591
Android (android.graphics.Color)	4280763195 (0xFF27433B)
YUV	57.7160, 0.6330, -16.4139
Hunter-Lab	21.7865, -8.4585, 2.0526

Details

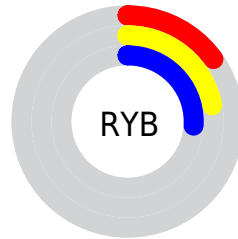
The CIELCh color **26, 12.882, 173.228** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19, 14.473, 1.333**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 12.663, 172.948**, and **7, 10.490, 168.005** is the 20% darker color. If you saturate the color by 10%, you get **26, 15.604, 172.145**, and if you desaturate by 10%, it is **26, 9.979, 174.227**.

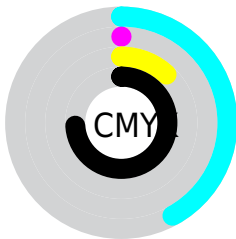
Distribution



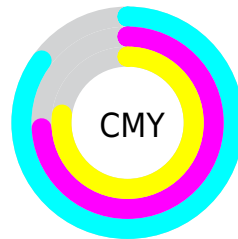
- Red (15%)
- Green (26%)
- Blue (23%)



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



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (74%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 12.882, 173.228 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, 12.882, 173.228 by changing the saturation by 10% instead.

 26, 12.882,
173.228


 26, 12.882,
173.228

 100, 12.882,
173.228


 16, 12.882,
173.228


 46, 12.882,
173.228


 6, 12.882, 173.228

 56, 12.882,
173.228

 0, 12.882, 173.228

 66, 12.882,
173.228

 76, 12.882,
173.228

 86, 12.882,
173.228

 96, 12.882,

173.228

■ 26, 12.882,
173.228

■ 26, 12.882,
173.228

■ 26, 15.604,
172.145

■ 26, 9.979, 174.227

■ 25, 18.104,
170.965

■ 27, 6.938, 175.162

■ 28, 3.797, 176.054

■ 25, 20.345,
169.671

■ 28, 0.594, 177.186

■ 25, 22.301,
168.245

■ 29, 2.640, 357.503

■ 30, 5.880, 358.287

■ 25, 24.041,
166.766

■ 30, 9.104, 359.006

■ 24, 25.487,
165.713

■ 31, 12.298,
359.690

Harmonies

Complementary

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



26, 12.882, 173.228



19, 14.473, 1.333

Rectangle

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



26, 12.882, 173.228



26, 12.882, 223.228



26, 12.882, 353.228



26, 12.882, 43.228

Sweetspot

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



26, 12.882, 173.226



36, 5.161, 175.905



26, 20.236, 133.919



17, 3.551, 175.808



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, 12.882, 173.226



34, 18.656, 172.121



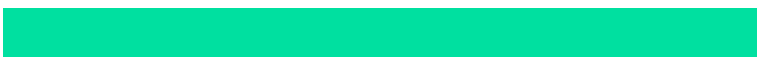
24, 9.412, 221.436



12, 1.773, 176.356



36, 33.409, 164.457



80, 63.271, 162.719

Inverse Universe

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



19, 14.473, 1.333



24, 21.585, 2.917



21, 12.249, 39.349



12, 1.814, 357.587



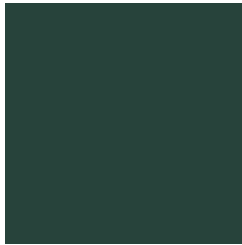
18, 42.623, 18.484



47, 80.561, 23.188

Previews

White Background



This preview shows how the CIELCh color 26, 12.882, 173.228 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, 12.882, 173.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

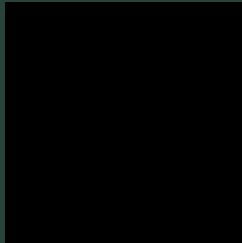
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 12.882, 173.228

Background



This preview shows how black text looks on a background with the CIELCh color 26, 12.882, 173.228.



This preview shows how white text looks on a background with the CIELCh color 26, 12.882, 173.228.

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

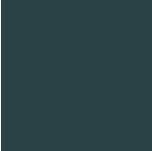
26, 12.882, 173.228

Protanopia

26, 3.545, 86.236

Deuteranopia

26, 4.200, 11.208



Tritanopia
26, 9.489, 218.422

Trichromacy



Original Color
26, 12.882, 173.228

Protanomaly
26, 5.373, 151.610

Deuteranomaly
26, 2.609, 168.868

Tritanomaly
26, 10.044, 197.784

Monochromacy



Original Color
26, 12.882, 173.228

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 4.889, 174.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 12.882, 173.228 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(39, 67, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 67, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 12.882, 173.228 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, 59) }
```

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

```
.border{ border-color:rgb(39, 67, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 67, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 67, 59);  
box-shadow:4px 4px 4px 4px rgb(39, 67, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 12.882, 173.228 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, 59) }
```

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

```
.background{ background-color: rgb(39, 67,  
59) }
```

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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