

Converting Colors

CIELCh(26, 9.414, 180.625)

Have a look what the booklet for
CIELCh(26, 9.414, 180.625) contains.

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Color

CIELCh(26, 9.556, 177.726)

Conversions

Conversions Part 1

Format	Color
Hex	2D423D
RGB	45, 66, 61
RGB Percent	18%, 26%, 24%
CMY	0.8247, 0.7423, 0.7619
CMYK	0.32, 0.00, 0.08, 0.74
HSL	166°, 19%, 22%
HSV	166°, 32%, 26%
XYZ	3.8346, 4.7465, 5.0874
YIQ	59.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

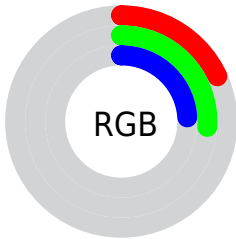
Format	Color
RYB	45, 57, 66
Decimal	2966077
CIELab	26.00, -9.55, 0.38
CIElCh	26, 9.556, 177.726
Yxy	4.7465, 0.2805, 0.3473
Android (android.graphics.Color)	4281156157 (0xFF2D423D)
YUV	59.1510, 0.9116, -12.4104
Hunter-Lab	21.7865, -6.7093, 1.4057

Details

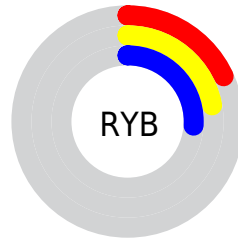
The CIELCh color **26, 9.556, 177.726** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 10.592, 3.485**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 9.810, 176.953**, and **6, 9.084, 176.873** is the 20% darker color. If you saturate the color by 10%, you get **26, 12.293, 176.764**, and if you desaturate by 10%, it is **27, 6.670, 178.628**.

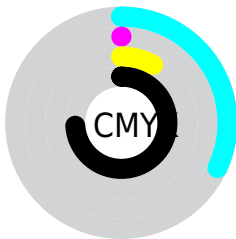
Distribution



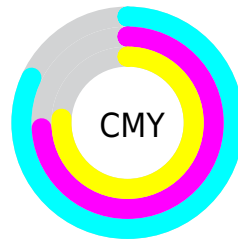
- Red (18%)
- Green (26%)
- Blue (24%)



- Red (18%)
- Yellow (22%)
- Blue (26%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (74%)



- Cyan (82%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 9.556, 177.726 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, 9.556, 177.726 by changing the saturation by 10% instead.

■ 26, 9.556, 177.726

■ 26, 9.556, 177.726

■ 100, 9.556,
177.726

■ 16, 9.556, 177.726

■ 46, 9.556, 177.726

■ 6, 9.556, 177.726

■ 56, 9.556, 177.726

■ 0, 9.556, 177.726

■ 66, 9.556, 177.726

■ 76, 9.556, 177.726

■ 86, 9.556, 177.726

■ 96, 9.556, 177.726

■ 26, 9.556, 177.726

■ 26, 9.556, 177.726

■ 26, 12.293,
176.764

■ 27, 6.670, 178.628

■ 25, 14.840,
175.736

■ 27, 3.674, 179.502

■ 28, 0.602, 180.620

■ 25, 17.159,
174.624

■ 28, 2.513, 0.923

■ 25, 19.214,
173.411

■ 29, 5.646, 1.710

■ 30, 8.775, 2.435

■ 24, 20.983,
172.082

■ 31, 11.885, 3.128

■ 24, 22.545,
170.712

■ 32, 14.962, 3.795

■ 32, 17.997, 4.440

■ 24, 23.831,
169.744

Harmonies

Complementary

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



26, 9.556, 177.726



21, 10.592, 3.485

Rectangle

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



26, 9.556, 177.726



26, 9.556, 227.726



26, 9.556, 357.726



26, 9.556, 47.726

Sweetspot

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



26, 9.556, 177.723



35, 3.783, 179.638



26, 15.495, 135.908



17, 2.602, 179.585



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, 9.556, 177.723



33, 13.756, 177.002



24, 7.208, 227.427



12, 1.728, 179.806



36, 31.546, 168.514



80, 59.490, 166.894

Inverse Universe

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



21, 10.592, 3.485



26, 15.656, 4.476



22, 8.653, 44.416



12, 1.775, 1.018



18, 43.514, 22.558



47, 82.857, 27.246

Previews

White Background



This preview shows how the CIELCh color 26, 9.556, 177.726 looks on a white background.

Color Contrast Check

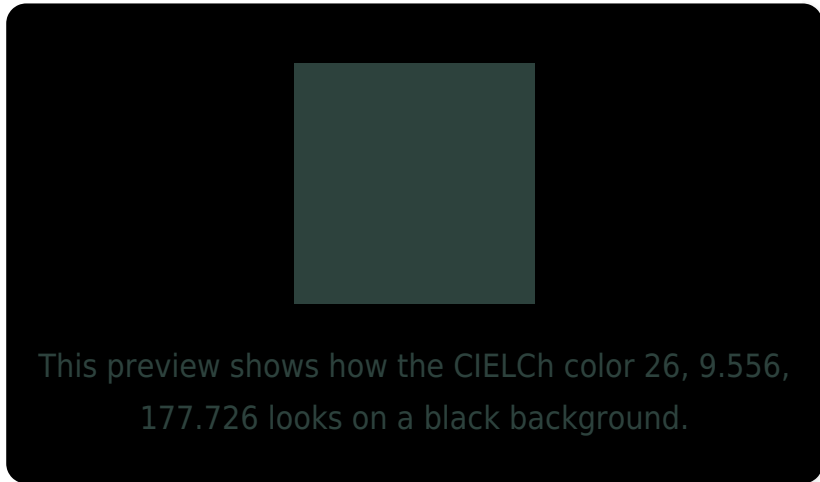
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

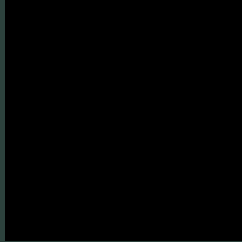
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 9.556, 177.726

Background



This preview shows how black text looks on a background with the CIELCh color 26, 9.556, 177.726.



This preview shows how white text looks on a background with the CIELCh color 26, 9.556, 177.726.

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

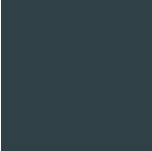
26, 9.556, 177.726

Protanopia

26, 2.158, 84.490

Deuteranopia

26, 4.145, 351.906



Tritanopia
26, 7.775, 229.031

Trichromacy



Original Color

26, 9.556, 177.726

Protanomaly

26, 4.117, 159.271

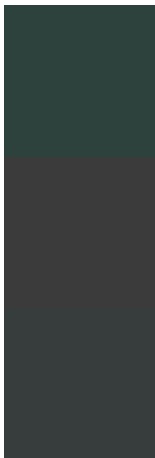
Deuteranomaly

26, 1.098, 236.241

Tritanomaly

26, 7.847, 207.857

Monochromacy



Original Color

26, 9.556, 177.726

Achromatopsia

25, 0.004, 296.813

Achromatomaly

25, 3.180, 186.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 9.556, 177.726 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(45, 66, 61)` looks like.

```
.text, #text, p{  
    color:rgb(45, 66, 61)  
}
```

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(45, 66, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 66, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 9.556, 177.726 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(45, 66, 61) }
```

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

```
.border{ border-color:rgb(45, 66, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 66, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 66, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 66, 61);  
box-shadow:4px 4px 4px 4px rgb(45, 66, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 9.556, 177.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 66, 61) }
```

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

```
.background{ background-color: rgb(45, 66,  
61) }
```

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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