

Converting Colors

CIELCh(26, 18.592, 215.422)

Have a look what the booklet for
CIELCh(26, 18.592, 215.422)
contains.

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Color

CIELCh(26, 18.722, 213.223)

Conversions

Conversions Part 1

Format	Color
Hex	00454D
RGB	0, 69, 77
RGB Percent	0%, 27%, 30%
CMY	0.9983, 0.7308, 0.6994
CMYK	0.99, 0.10, 0.00, 0.70
HSL	186°, 99%, 15%
HSV	186°, 99%, 30%
XYZ	3.4389, 4.7465, 7.6902
YIQ	49.2810, -43.6920, -12.1400

Conversions

Conversions Part 2

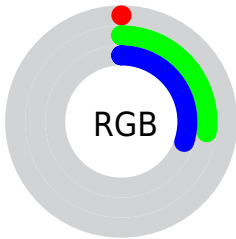
Format	Color
RYB	0, 36, 77
Decimal	17741
CIELab	26.00, -15.66, -10.26
CIELCh	26, 18.722, 213.223
Yxy	4.7465, 0.2166, 0.2990
Android (android.graphics.Color)	4278207821 (0xFF00454D)
YUV	49.2810, 13.6655, -43.2194
Hunter-Lab	21.7865, -9.9509, -5.6777

Details

The CIELCh color **26, 18.722, 213.223** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14, 37.371, 35.425**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 18.788, 214.265**, and **8, 10.420, 224.010** is the 20% darker color. If you saturate the color by 10%, you get **26, 18.765, 213.279**, and if you desaturate by 10%, it is **26, 17.996, 212.184**.

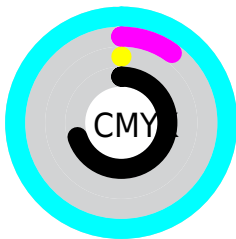
Distribution



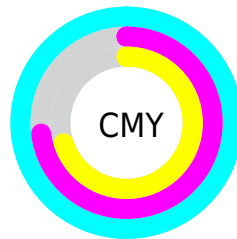
- Red (0%)
- Green (27%)
- Blue (30%)



- Red (0%)
- Yellow (14%)
- Blue (30%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (70%)





- Cyan (100%)
- Magenta (73%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 18.722, 213.223 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, 18.722, 213.223 by changing the saturation by 10% instead.

 26, 18.722,
213.223


 26, 18.722,
213.223

 100, 18.722,
213.223

 16, 18.722,
213.223


 46, 18.722,
213.223


 6, 18.722, 213.223

 56, 18.722,
213.223

 0, 18.722, 213.223

 66, 18.722,
213.223

 76, 18.722,
213.223

 86, 18.722,
213.223

 96, 18.722,

213.223

■ 26, 18.722,
213.223

■ 26, 18.722,
213.223

■ 26, 18.765,
213.279

■ 26, 17.996,
212.184

■ 27, 17.198,
211.138

■ 27, 16.055,
210.327

■ 28, 14.559,
209.732

■ 29, 12.731,
209.323

■ 29, 10.601,
209.072

■ 30, 8.206, 208.954

■ 31, 5.586, 208.952

■ 32, 2.780, 209.072

Harmonies

Complementary

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



26, 18.722, 213.223



14, 37.371, 35.425

Rectangle

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



26, 18.722, 213.223



26, 18.722, 263.223



26, 18.722, 33.223



26, 18.722, 83.223

Sweetspot

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



26, 18.722, 213.222



39, 10.321, 208.965



28, 47.498, 138.185



19, 7.042, 208.986



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



26, 18.722, 213.222



34, 22.392, 213.981



13, 32.886, 288.080



15, 1.647, 209.090



35, 22.788, 214.042



76, 41.025, 215.487

Inverse Universe

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



15, 44.771, 332.413



22, 53.606, 332.609



22, 32.736, 71.950



14, 3.082, 327.843



22, 54.554, 332.624



53, 98.174, 332.979

Previews

White Background



This preview shows how the CIELCh color 26, 18.722, 213.223 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, 18.722, 213.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

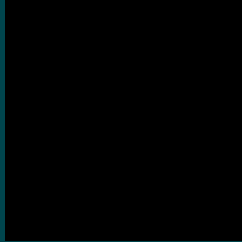
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

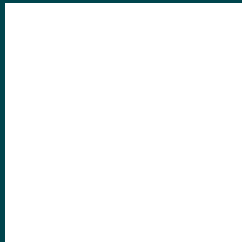
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 18.722, 213.223

Background



This preview shows how black text looks on a background with the CIELCh color 26, 18.722, 213.223.



This preview shows how white text looks on a background with the CIELCh color 26, 18.722, 213.223.

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, 18.837, 213.105

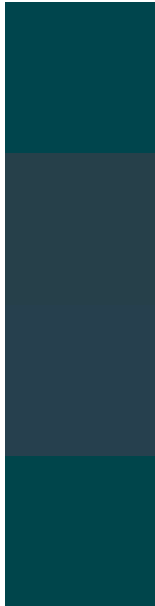
Protanopia
26, 7.214, 288.303

Deuteranopia
26, 11.143, 288.266



Tritanopia
26, 18.941, 206.697

Trichromacy



Original Color
26, 18.837, 213.105

Protanomaly
25, 11.442, 233.473

Deuteranomaly
26, 12.809, 244.595

Tritanomaly
26, 18.883, 208.824

Monochromacy



Original Color
26, 18.837, 213.105

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 9.990, 209.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 18.722, 213.223 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(0, 69, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 77)  
}
```

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(0, 69, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 18.722, 213.223 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(0, 69, 77) }
```

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

```
.border{ border-color:rgb(0, 69, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 77); box-shadow:4px  
4px 4px 4px rgb(0, 69, 77) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 18.722, 213.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 77) }
```

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

```
.background{ background-color: rgb(0, 69,  
77) }
```

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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