

Converting Colors

CIELCh(26, 4.691, 195.564)

Have a look what the booklet for
CIELCh(26, 4.691, 195.564) contains.

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Color

CIELCh(26, 4.825, 190.804)

Conversions

Conversions Part 1

Format	Color
Hex	35403F
RGB	53, 64, 63
RGB Percent	21%, 25%, 25%
CMY	0.7931, 0.7500, 0.7539
CMYK	0.17, 0.00, 0.02, 0.75
HSL	175°, 9%, 23%
HSV	175°, 17%, 25%
XYZ	4.1663, 4.7465, 5.3642
YIQ	60.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

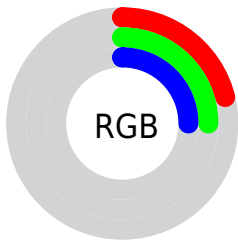
Format	Color
R _Y B	53, 59, 64
Decimal	3489855
CIE Lab	26.00, -4.74, -0.90
CIE LCh	26, 4.825, 190.804
Yxy	4.7465, 0.2918, 0.3325
Android (android.graphics.Color)	4281679935 (0xFF35403F)
YUV	60.5970, 1.1847, -6.6626
Hunter-Lab	21.7865, -3.9913, 0.6523

Details


The CIELCh color **26, 4.825, 190.804** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 5.229, 13.149**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 4.823, 191.831**, and **6, 4.892, 191.247** is the 20% darker color. If you saturate the color by 10%, you get **26, 7.455, 190.114**, and if you desaturate by 10%, it is **27, 2.064, 191.523**.

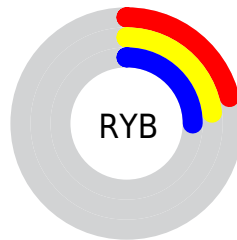
Distribution



 Red (21%)

 Green (25%)

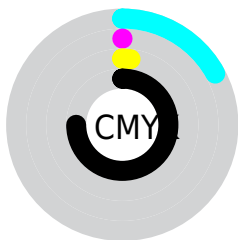
 Blue (25%)




 Red (21%)

 Yellow (23%)

 Blue (25%)

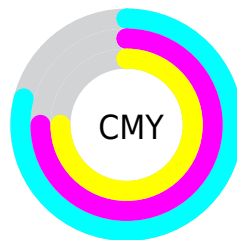


 Cyan (17%)

 Magenta (0%)

 Yellow (2%)

 Black (75%)



 Cyan (79%)

 Magenta (75%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 4.825, 190.804 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, 4.825, 190.804 by changing the saturation by 10% instead.

■ 26, 4.825, 190.804

■ 26, 4.825, 190.804

■ 100, 4.825,
190.804

■ 16, 4.825, 190.804

■ 46, 4.825, 190.804

■ 6, 4.825, 190.804

■ 56, 4.825, 190.804

■ 0, 4.825, 190.804

■ 66, 4.825, 190.804

■ 76, 4.825, 190.804

■ 86, 4.825, 190.804

■ 96, 4.825, 190.804

■ 26, 4.825, 190.804

■ 26, 4.825, 190.804

■ 26, 7.455, 190.114

■ 27, 2.064, 191.523

■ 25, 9.915, 189.433

■ 27, 0.797, 11.764

■ 25, 12.171,
188.746

■ 28, 3.729, 12.651

■ 24, 14.186,
188.046

■ 29, 6.704, 13.326

■ 29, 9.704, 13.978

■ 24, 15.929,
187.324

■ 30, 12.709, 14.617

■ 24, 17.379,
186.571

■ 31, 15.708, 15.246

■ 32, 18.688, 15.863

■ 24, 18.538,
185.782

■ 33, 21.644, 16.468

■ 24, 19.650,
185.044

■ 23, 19.963,
184.854

Harmonies

Complementary

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



26, 4.825, 190.804



23, 5.229, 13.149

Rectangle

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



26, 4.825, 190.804



26, 4.825, 240.804



26, 4.825, 10.804



26, 4.825, 60.804

Sweetspot

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



26, 4.825, 190.797



35, 1.799, 191.700



26, 8.535, 140.913



17, 1.238, 191.672



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, 4.825, 190.797



34, 7.329, 190.473



25, 4.008, 245.717



12, 1.633, 191.418



36, 26.667, 184.155



81, 49.541, 183.289

Inverse Universe

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



23, 5.229, 13.149



30, 8.130, 13.591



25, 4.269, 62.324



12, 1.699, 12.397



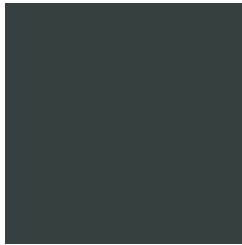
18, 46.569, 31.586



47, 91.104, 36.832

Previews

White Background



This preview shows how the CIELCh color 26, 4.825, 190.804 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 CIE LCh color 26, 4.825, 190.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

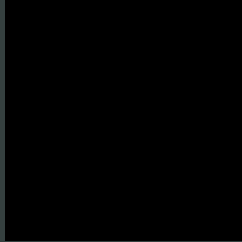
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

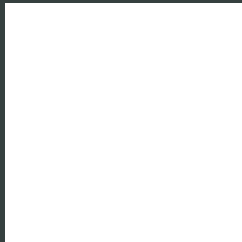
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 4.825, 190.804

Background



This preview shows how black text looks on a background with the CIELCh color 26, 4.825, 190.804.

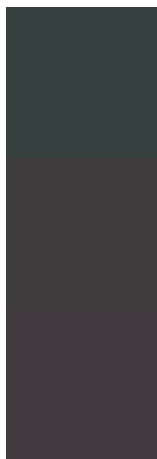


This preview shows how white text looks on a background with the CIELCh color 26, 4.825, 190.804.

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

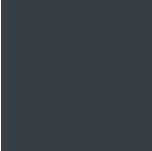
26, 4.825, 190.804

Protanopia

26, 0.906, 19.303

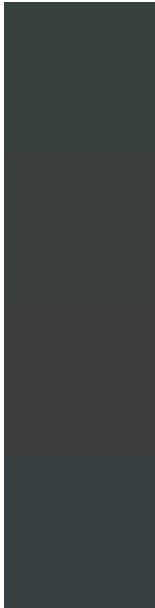
Deuteranopia

26, 3.775, 336.185



Tritanopia
26, 4.939, 240.649

Trichromacy



Original Color

26, 4.825, 190.804

Protanomaly

26, 1.335, 199.353

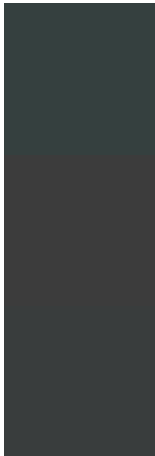
Deuteranomaly

26, 1.970, 290.595

Tritanomaly

26, 4.267, 226.401

Monochromacy



Original Color

26, 4.825, 190.804

Achromatopsia

25, 0.004, 296.813

Achromatomaly

25, 1.778, 199.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 4.825, 190.804 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(53, 64, 63)` looks like.

```
.text, #text, p{  
    color:rgb(53, 64, 63)  
}
```

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(53, 64, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 64, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 4.825, 190.804 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(53, 64, 63) }
```

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

```
.border{ border-color:rgb(53, 64, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 64, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 64, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 64, 63);  
box-shadow:4px 4px 4px 4px rgb(53, 64, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 4.825, 190.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 64, 63) }
```

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

```
.background{ background-color: rgb(53, 64,  
63) }
```

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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