

Converting Colors

CIELCh(26, 11.231, 148.579)

Have a look what the booklet for
CIELCh(26, 11.231, 148.579)
contains.

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Color

CIELCh(26, 11.231, 148.579)

Conversions

Conversions Part 1

Format	Color
Hex	314134
RGB	49, 65, 52
RGB Percent	19%, 25%, 20%
CMY	0.8062, 0.7434, 0.7944
CMYK	0.24, 0.00, 0.20, 0.74
HSL	131°, 14%, 23%
HSV	131°, 24%, 26%
XYZ	3.8322, 4.7465, 4.0132
YIQ	58.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

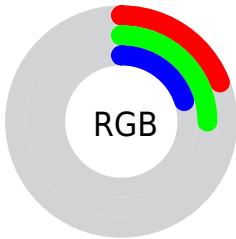
Format	Color
R_{YB}	49, 62, 65
Decimal	3227956
CIE _{Lab}	26.00, -9.58, 5.85
CIE _{LCh}	26, 11.231, 148.579
Yxy	4.7465, 0.3043, 0.3770
Android (android.graphics.Color)	4281418036 (0xFF314134)
YUV	58.7340, -3.3199, -8.5367
Hunter-Lab	21.7865, -6.7288, 4.3291

Details

The CIELCh color **26, 11.231, 148.579** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 11.273, 331.422**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 11.646, 148.404**, and **6, 11.443, 147.856** is the 20% darker color. If you saturate the color by 10%, you get **25, 15.809, 147.798**, and if you desaturate by 10%, it is **27, 6.624, 149.268**.

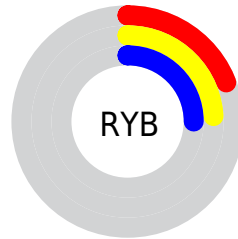
Distribution



Red (19%)

Green (25%)

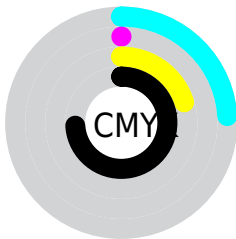
Blue (20%)



Red (19%)

Yellow (24%)

Blue (25%)

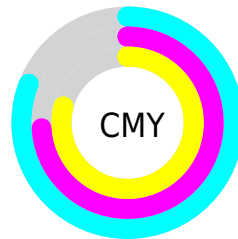


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (74%)



Cyan (81%)


Magenta (74%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 11.231, 148.579 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, 11.231, 148.579 by changing the saturation by 10% instead.

 26, 11.231,
148.579


 26, 11.231,
148.579

 100, 11.231,
148.579


 16, 11.231,
148.579


 46, 11.231,
148.579


 6, 11.231, 148.579

 56, 11.231,
148.579

 0, 11.231, 148.579

 66, 11.231,
148.579

 76, 11.231,
148.579

 86, 11.231,
148.579

 96, 11.231,

148.579

■ 26, 11.231,
148.579

■ 26, 11.231,
148.579

■ 25, 15.809,
147.798

■ 27, 6.624, 149.268

■ 27, 2.034, 149.912

■ 25, 20.297,
146.911

■ 28, 2.501, 330.313

■ 24, 24.628,
145.905

■ 29, 6.956, 330.811

■ 24, 28.724,
144.777

■ 30, 11.309,
331.228

■ 24, 32.504,
143.528

■ 31, 15.549,
331.596

■ 24, 35.886,
142.177

■ 32, 19.669,
331.924

■ 23, 38.941,
141.006

■ 33, 23.667,
332.218

■ 23, 40.530,
140.552

■ 34, 27.541,
332.483

Harmonies

Complementary

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



26, 11.231, 148.579



23, 11.273, 331.422

Rectangle

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



26, 11.231, 148.579



26, 11.231, 198.579



26, 11.231, 328.579



26, 11.231, 18.579

Sweetspot

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



26, 11.232, 148.579



35, 3.933, 149.726



27, 10.418, 115.839



17, 2.578, 149.722



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, 11.232, 148.579



33, 16.406, 148.145



26, 7.763, 172.778



12, 2.565, 149.647



35, 54.382, 139.389



78, 103.413, 138.101

Inverse Universe

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



23, 11.273, 331.422



29, 16.468, 331.753



22, 8.233, 357.005



12, 2.573, 330.511



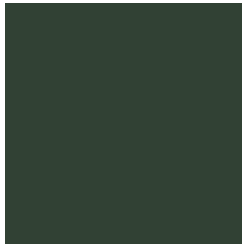
20, 49.599, 336.730



51, 90.548, 337.531

Previews

White Background



This preview shows how the CIELCh color 26, 11.231, 148.579 looks on a white background.

Color Contrast Check

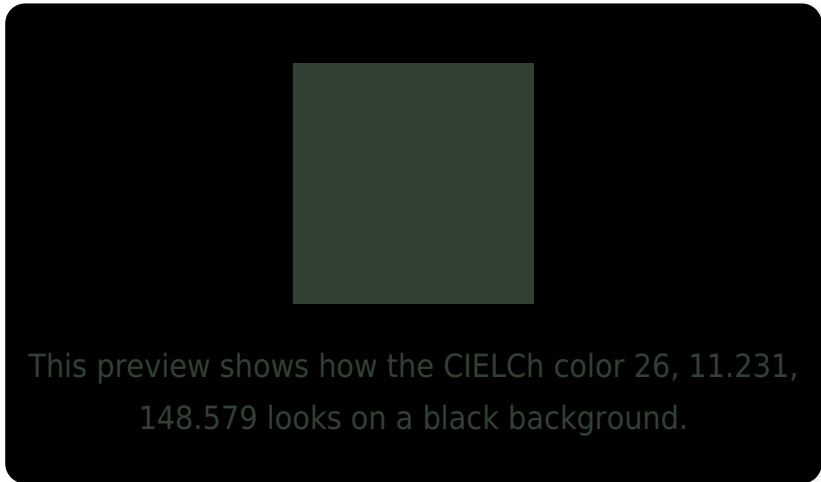
Large Text (above 18pt) WCAG AA ✓ Pass

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

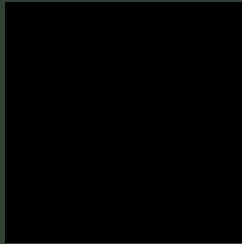
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 11.231, 148.579

Background



This preview shows how black text looks on a background with the CIELCh color 26, 11.231, 148.579.

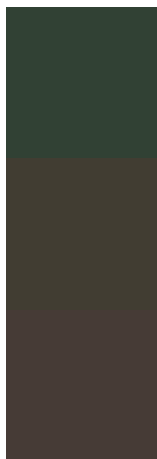


This preview shows how white text looks on a background with the CIELCh color 26, 11.231, 148.579.

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, 11.231, 148.579

Protanopia

26, 7.426, 93.629

Deuteranopia

26, 6.210, 51.699



Tritanopia
26, 5.563, 235.075

Trichromacy



Original Color
26, 11.231, 148.579

Protanomaly
26, 8.037, 122.145

Deuteranomaly
26, 5.304, 98.813

Tritanomaly
26, 5.802, 185.349

Monochromacy



Original Color
26, 11.231, 148.579

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 3.492, 150.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 11.231, 148.579 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(49, 65, 52)` looks like.

```
.text, #text, p{  
    color:rgb(49, 65, 52)  
}
```

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(49, 65, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 65, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 11.231, 148.579 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(49, 65, 52) }
```

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

```
.border{ border-color:rgb(49, 65, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 65, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 65, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 65, 52);  
box-shadow:4px 4px 4px 4px rgb(49, 65, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 11.231, 148.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 65, 52) }
```

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

```
.background{ background-color: rgb(49, 65,  
52) }
```

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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