

Converting Colors

CIELCh(26, 16.074, 135.183)

Have a look what the booklet for
CIELCh(26, 16.074, 135.183)
contains.

CIELCh(26, 16.113, 135.163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 16.113, 135.163)

Conversions

Conversions Part 1

Format	Color
Hex	32422C
RGB	50, 66, 44
RGB Percent	20%, 26%, 17%
CMY	0.8042, 0.7414, 0.8277
CMYK	0.24, 0.00, 0.33, 0.74
HSL	104°, 20%, 22%
HSV	104°, 33%, 26%
XYZ	3.7100, 4.7465, 3.0973
YIQ	58.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

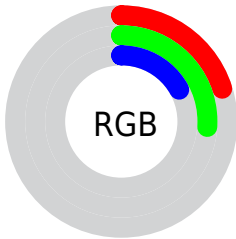
Format	Color
R_{YB}	44, 66, 60
Decimal	3293740
CIE _{Lab}	26.00, -11.43, 11.36
CIE _{LCh}	26, 16.113, 135.163
Yxy	4.7465, 0.3211, 0.4108
Android (android.graphics.Color)	4281483820 (0xFF32422C)
YUV	58.7080, -7.2510, -7.6369
Hunter-Lab	21.7865, -7.7299, 6.8215

Details

The CIELCh color **26, 16.113, 135.163** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 16.431, 317.851**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 15.913, 135.088**, and **6, 14.210, 140.779** is the 20% darker color. If you saturate the color by 10%, you get **26, 20.872, 134.657**, and if you desaturate by 10%, it is **27, 11.286, 135.643**.

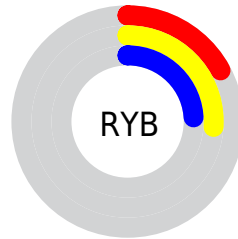
Distribution



Red (20%)

Green (26%)

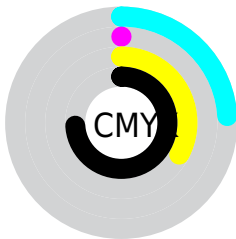
Blue (17%)



Red (17%)

Yellow (26%)

Blue (24%)

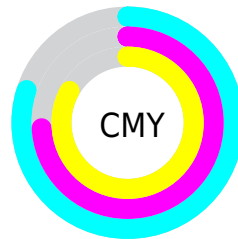


Cyan (24%)

Magenta (0%)

Yellow (33%)

Black (74%)



Cyan (80%)


Magenta (74%)


Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 16.113, 135.163 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, 16.113, 135.163 by changing the saturation by 10% instead.


 26, 16.113,
135.163


 26, 16.113,
135.163

 100, 16.113,
135.163


 16, 16.113,
135.163


 46, 16.113,
135.163


 6, 16.113, 135.163

 56, 16.113,
135.163

 0, 16.113, 135.163

 66, 16.113,
135.163

 76, 16.113,
135.163

 86, 16.113,
135.163

 96, 16.113,

135.163

■ 26, 16.113,
135.163

■ 26, 16.113,
135.163

■ 26, 20.872,
134.657

■ 27, 11.286,
135.643

■ 25, 25.495,
134.141

■ 27, 6.439, 136.086

■ 25, 29.894,
133.647

■ 28, 1.610, 136.522

■ 28, 3.173, 316.796

■ 24, 33.953,
133.226

■ 29, 7.890, 317.126

■ 24, 37.527,
132.952

■ 30, 12.526,
317.406

■ 24, 40.678,
132.762

■ 31, 17.073,
317.650

■ 24, 42.722,
132.549

■ 31, 21.524,
317.863

■ 32, 25.876,
318.048

Harmonies

Complementary

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



26, 16.113, 135.163



21, 16.431, 317.851

Rectangle

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



26, 16.113, 135.163



26, 16.113, 185.163



26, 16.113, 315.163



26, 16.113, 5.163

Sweetspot

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



26, 16.114, 135.164



36, 6.043, 136.210



25, 10.758, 91.255



17, 4.059, 136.187



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, 16.114, 135.164



34, 24.195, 134.740



26, 15.069, 148.879



12, 2.686, 136.291



36, 56.584, 132.841



79, 105.574, 133.774

Inverse Universe

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



21, 16.431, 317.851



26, 24.784, 318.164



21, 15.147, 333.033



12, 2.704, 316.886



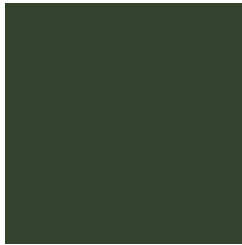
16, 58.491, 318.782



43, 108.252, 318.130

Previews

White Background



This preview shows how the CIE LCh color 26, 16.113, 135.163 looks on a white background.

Color Contrast Check

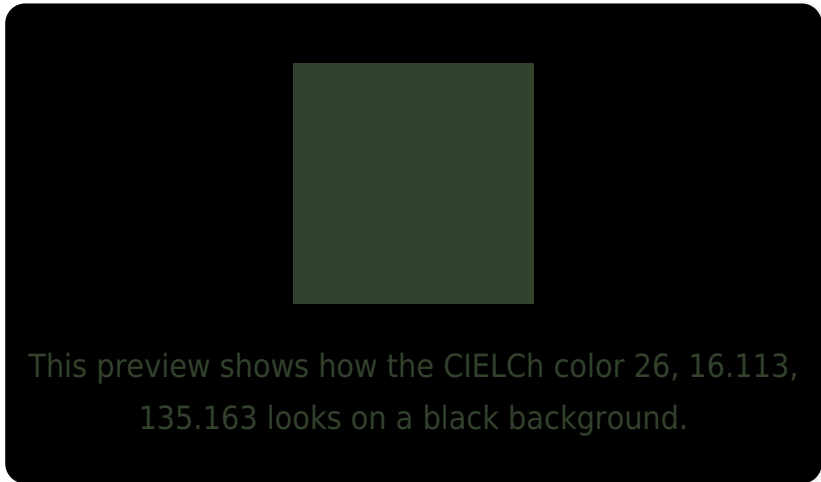
Large Text (above 18pt) WCAG AA ✓ Pass

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

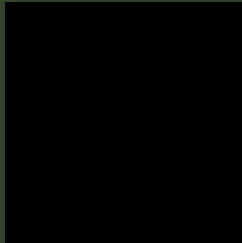
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 16.113, 135.163

Background



This preview shows how black text looks on a background with the CIELCh color 26, 16.113, 135.163.



This preview shows how white text looks on a background with the CIELCh color 26, 16.113, 135.163.

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](#).

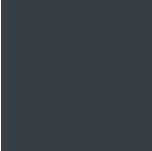
Dichromacy



Original Color
26, 16.113, 135.163

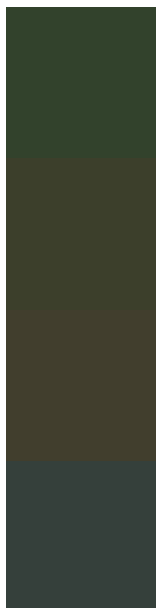
Protanopia
26, 12.591, 96.125

Deuteranopia
26, 11.613, 71.149



Tritanopia
26, 4.939, 240.649

Trichromacy



Original Color
26, 16.113, 135.163

Protanomaly
26, 13.005, 113.989

Deuteranomaly
26, 11.123, 100.249

Tritanomaly
26, 5.923, 164.873

Monochromacy



Original Color
26, 16.113, 135.163

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 5.944, 136.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 16.113, 135.163 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(50, 66, 44)` looks like.

```
.text, #text, p{  
    color:rgb(50, 66, 44)  
}
```

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(50, 66, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 66, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 16.113, 135.163 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(50, 66, 44) }
```

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

```
.border{ border-color:rgb(50, 66, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 66, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 66, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 66, 44);  
box-shadow:4px 4px 4px 4px rgb(50, 66, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 16.113, 135.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 66, 44) }
```

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

```
.background{ background-color: rgb(50, 66,  
44) }
```

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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