

Converting Colors

CIELCh(26, 21.637, 129.189)

Have a look what the booklet for
CIELCh(26, 21.637, 129.189)
contains.

CIELCh(26, 22.132, 129.269)	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, 22.132, 129.269)

Conversions

Conversions Part 1

Format	Color
Hex	314323
RGB	49, 67, 35
RGB Percent	19%, 26%, 14%
CMY	0.8089, 0.7384, 0.8638
CMYK	0.27, 0.00, 0.48, 0.74
HSL	94°, 32%, 20%
HSV	94°, 48%, 26%
XYZ	3.5431, 4.7465, 2.2991
YIQ	57.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

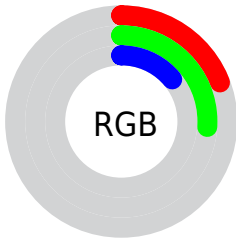
Format	Color
RYB	35, 67, 53
Decimal	3228451
CIELab	26.00, -14.01, 17.13
CIElCh	26, 22.132, 129.269
Yxy	4.7465, 0.3346, 0.4483
Android (android.graphics.Color)	4281418531 (0xFF314323)
YUV	57.9700, -11.3242, -7.8667
Hunter-Lab	21.7865, -9.0975, 8.9936

Details

The CIELCh color $26, 22.132, 129.269$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $17, 23.305, 313.186$, and the grayscale version is $24, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 22.099, 129.233$, and $6, 15.770, 144.443$ is the 20% darker color. If you saturate the color by 10%, you get $26, 26.490, 128.882$, and if you desaturate by 10%, it is $26, 17.615, 129.694$.

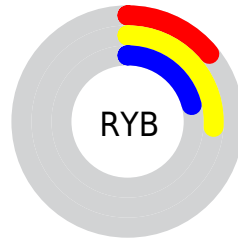
Distribution



Red (19%)

Green (26%)

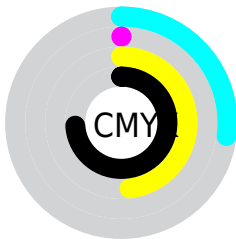
Blue (14%)



Red (14%)

Yellow (26%)

Blue (21%)

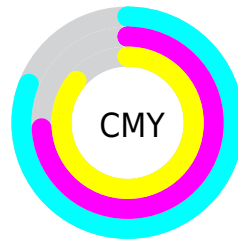


Cyan (27%)

Magenta (0%)

Yellow (48%)

Black (74%)



Cyan (81%)

Magenta (74%)

Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 22.132, 129.269 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, 22.132, 129.269 by changing the saturation by 10% instead.

 26, 22.132,
129.269


 26, 22.132,
129.269

 100, 22.132,
129.269


 16, 22.132,
129.269


 46, 22.132,
129.269


 6, 22.132, 129.269

 56, 22.132,
129.269

 0, 22.132, 129.269

 66, 22.132,
129.269

 76, 22.132,
129.269

 86, 22.132,
129.269

 96, 22.132,

129.269

■ 26, 22.132,
129.269

■ 26, 22.132,
129.269

■ 26, 26.490,
128.882

■ 26, 17.615,
129.694

■ 25, 30.594,
128.574

■ 27, 13.004,
130.125

■ 25, 34.322,
128.410

■ 27, 8.348, 130.546

■ 25, 37.560,
128.447

■ 28, 3.684, 130.952

■ 28, 0.962, 311.236

■ 25, 40.660,
128.451

■ 29, 5.571, 311.628

■ 24, 41.299,
128.441

■ 30, 10.129,
311.941

■ 30, 14.624,
312.220

■ 31, 19.050,
312.470

Harmonies

Complementary

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



26, 22.132, 129.269



17, 23.305, 313.186

Rectangle

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



26, 22.132, 129.269



26, 22.132, 179.269



26, 22.132, 309.269



26, 22.132, 359.269

Sweetspot

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



26, 22.133, 129.270



36, 8.099, 130.683



23, 14.018, 75.104



17, 5.504, 130.644



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, 22.133, 129.270



34, 32.866, 128.796



25, 24.420, 142.491



13, 2.570, 130.929



36, 54.196, 128.967



80, 101.222, 130.165

Inverse Universe

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



17, 23.305, 313.186



20, 35.108, 313.680



19, 24.353, 328.146



12, 2.596, 311.529



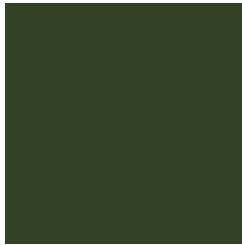
14, 60.266, 314.110



38, 111.909, 313.277

Previews

White Background



This preview shows how the CIELCh color 26, 22.132, 129.269 looks on a white background.

Color Contrast Check

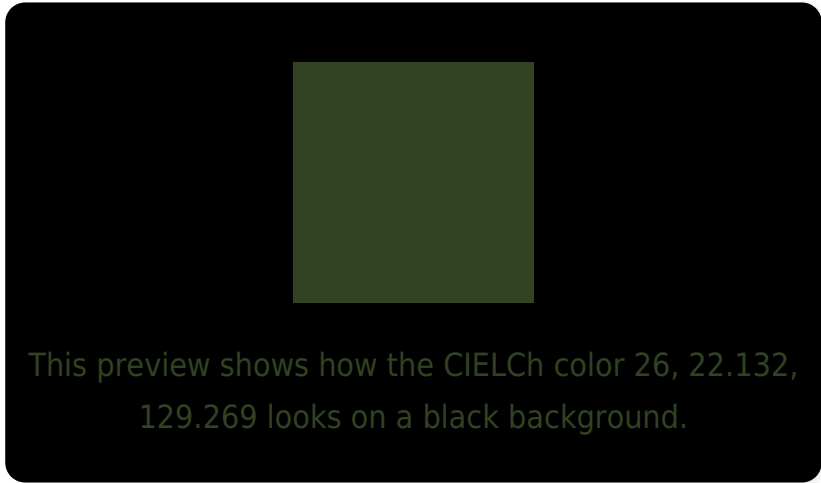
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.132, 129.269

Background



This preview shows how black text looks on a background with the CIELCh color 26, 22.132, 129.269.



This preview shows how white text looks on a background with the CIELCh color 26, 22.132, 129.269.

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

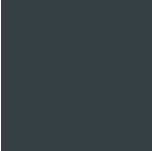
26, 22.132, 129.269

Protanopia

26, 18.376, 94.999

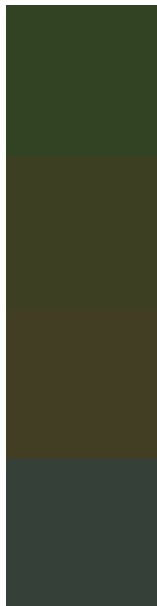
Deuteranopia

26, 16.673, 77.401



Tritanopia
26, 4.939, 240.649

Trichromacy



Original Color
26, 22.132, 129.269

Protanomaly
26, 18.546, 109.460

Deuteranomaly
26, 16.784, 101.450

Tritanomaly
26, 7.571, 154.444

Monochromacy



Original Color
26, 22.132, 129.269

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 7.755, 129.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 22.132, 129.269 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, 67, 35)` looks like.

```
.text, #text, p{  
    color:rgb(49, 67, 35)  
}
```

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, 67, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 67, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 22.132, 129.269 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, 67, 35) }
```

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

```
.border{ border-color:rgb(49, 67, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 67, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 67, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 67, 35);  
box-shadow:4px 4px 4px 4px rgb(49, 67, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 22.132, 129.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 67, 35) }
```

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

```
.background{ background-color: rgb(49, 67,  
35) }
```

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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