

Converting Colors

CIELCh(26, 21.228, 126.368)

Have a look what the booklet for
CIELCh(26, 21.228, 126.368)
contains.

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Color

CIELCh(26, 21.055, 126.554)

Conversions

Conversions Part 1

Format	Color
Hex	334223
RGB	51, 66, 35
RGB Percent	20%, 26%, 14%
CMY	0.7994, 0.7405, 0.8621
CMYK	0.23, 0.00, 0.47, 0.74
HSL	89°, 31%, 20%
HSV	89°, 47%, 26%
XYZ	3.6374, 4.7465, 2.3268
YIQ	57.9810, 1.0110, -12.8210

Conversions

Conversions Part 2

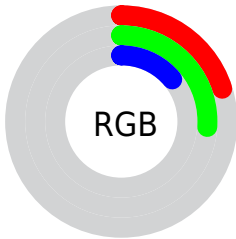
Format	Color
RYB	35, 66, 50
Decimal	3359267
CIELab	26.00, -12.54, 16.91
CIELCh	26, 21.055, 126.554
Yxy	4.7465, 0.3396, 0.4432
Android (android.graphics.Color)	4281549347 (0xFF334223)
YUV	57.9810, -11.3296, -6.1223
Hunter-Lab	21.7865, -8.3249, 8.9184

Details

The CIELCh color $26, 21.055, 126.554$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $17, 22.404, 310.623$, and the grayscale version is $25, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 21.113, 126.696$, and $6, 14.660, 143.556$ is the 20% darker color. If you saturate the color by 10%, you get $26, 25.300, 126.179$, and if you desaturate by 10%, it is $26, 16.661, 126.974$.

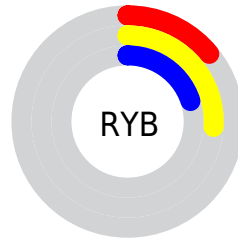
Distribution



Red (20%)

Green (26%)

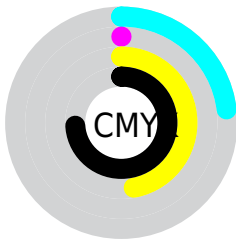
Blue (14%)



Red (14%)

Yellow (26%)

Blue (20%)

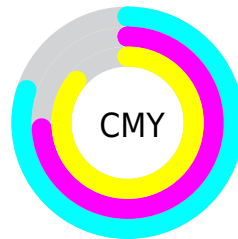


Cyan (23%)

Magenta (0%)

Yellow (47%)

Black (74%)



Cyan (80%)


Magenta (74%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 21.055, 126.554 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, 21.055, 126.554 by changing the saturation by 10% instead.

 26, 21.055,
126.554


 26, 21.055,
126.554

 100, 21.055,
126.554


 16, 21.055,
126.554


 46, 21.055,
126.554


 6, 21.055, 126.554

 56, 21.055,
126.554

 0, 21.055, 126.554

 66, 21.055,
126.554

 76, 21.055,
126.554

 86, 21.055,
126.554

 96, 21.055,

126.554

■ 26, 21.055,
126.554

■ 26, 21.055,
126.554

■ 26, 25.300,
126.179

■ 26, 16.661,
126.974

■ 25, 29.308,
125.886

■ 27, 12.177,
127.405

■ 25, 32.964,
125.740

■ 27, 7.648, 127.833

■ 25, 36.140,
125.807

■ 28, 3.108, 128.251

■ 25, 39.153,
125.892

■ 28, 1.420, 308.582

■ 25, 40.097,
125.906

■ 29, 10.377,
309.301

■ 30, 14.783,
309.605

■ 31, 19.130,
309.881

Harmonies

Complementary

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



26, 21.055, 126.554



17, 22.404, 310.623

Rectangle

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



26, 21.055, 126.554



26, 21.055, 176.554



26, 21.055, 306.554



26, 21.055, 356.554

Sweetspot

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



26, 21.056, 126.555



36, 7.946, 127.928



22, 13.214, 68.569



17, 5.399, 127.888



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, 21.056, 126.555



34, 31.129, 126.126



25, 24.420, 140.923



13, 2.523, 128.182



36, 52.910, 126.466



80, 98.722, 127.707

Inverse Universe

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



17, 22.404, 310.623



20, 33.710, 311.185



19, 24.394, 326.144



11, 2.553, 308.825



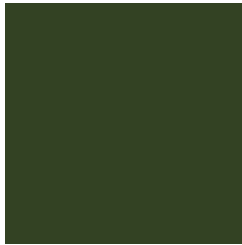
12, 61.229, 312.241



35, 113.848, 311.393

Previews

White Background



This preview shows how the CIELCh color 26, 21.055, 126.554 looks on a white background.

Color Contrast Check

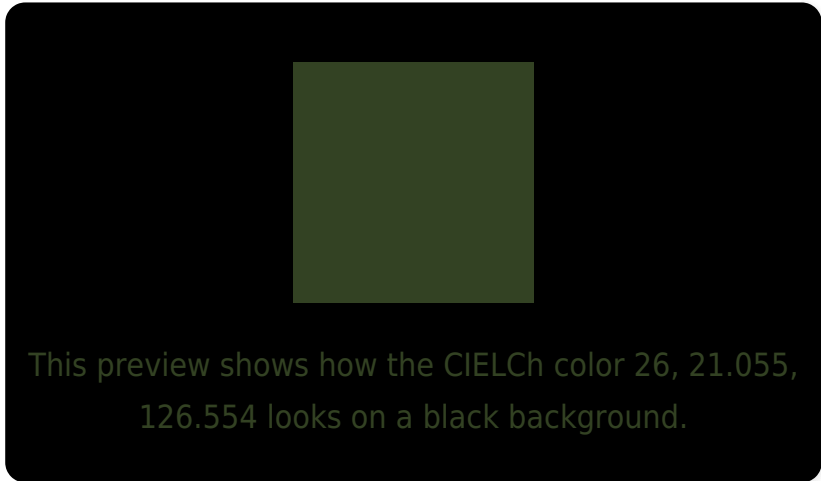
Large Text (above 18pt) WCAG AA ✓ Pass

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

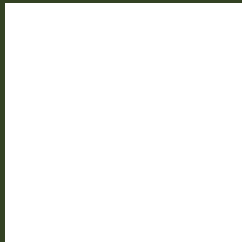
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 21.055, 126.554

Background



This preview shows how black text looks on a background with the CIELCh color 26, 21.055, 126.554.



This preview shows how white text looks on a background with the CIELCh color 26, 21.055, 126.554.

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, 21.055, 126.554

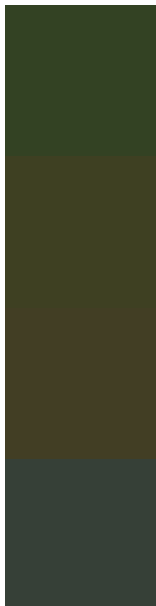
Protanopia
26, 18.231, 96.661

Deuteranopia
26, 16.673, 77.401



Tritanopia
26, 3.925, 241.031

Trichromacy



Original Color
26, 21.055, 126.554

Protanomaly
26, 19.115, 109.287

Deuteranomaly
26, 16.842, 99.716

Tritanomaly
26, 7.474, 146.424

Monochromacy



Original Color
26, 21.055, 126.554

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 7.589, 126.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 21.055, 126.554 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(51, 66, 35)` looks like.

```
.text, #text, p{  
    color:rgb(51, 66, 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(51, 66, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 66, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 21.055, 126.554 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(51, 66, 35) }
```

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

```
.border{ border-color:rgb(51, 66, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 66, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 66, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 66, 35);  
box-shadow:4px 4px 4px 4px rgb(51, 66, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 21.055, 126.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 66, 35) }
```

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

```
.background{ background-color: rgb(51, 66,  
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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