

Converting Colors

CIELCh(26, 26.576, 135.615)

Have a look what the booklet for
CIELCh(26, 26.576, 135.615)
contains.

CIELCh(26, 26.357, 135.531)	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, 26.357, 135.531)

Conversions

Conversions Part 1

Format	Color
Hex	284420
RGB	40, 68, 32
RGB Percent	16%, 27%, 13%
CMY	0.8416, 0.7318, 0.8731
CMYK	0.41, 0.00, 0.53, 0.73
HSL	107°, 36%, 20%
HSV	107°, 53%, 27%
XYZ	3.2463, 4.7465, 2.1372
YIQ	55.5240, -5.1320, -17.1320

Conversions

Conversions Part 2

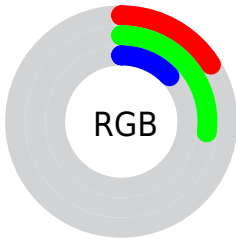
Format	Color
RYB	32, 68, 60
Decimal	2638880
CIELab	26.00, -18.81, 18.46
CIELCh	26, 26.357, 135.531
Yxy	4.7465, 0.3205, 0.4686
Android (android.graphics.Color)	4280828960 (0xFF284420)
YUV	55.5240, -11.5973, -13.6145
Hunter-Lab	21.7865, -11.5291, 9.4343

Details

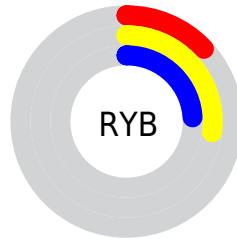
The CIELCh color **26, 26.357, 135.531** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18, 26.944, 320.107**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 26.034, 135.493**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.958, 134.966**, and if you desaturate by 10%, it is **26, 21.516, 136.104**.

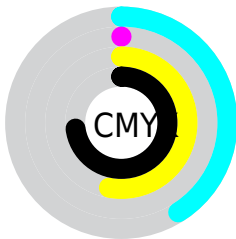
Distribution



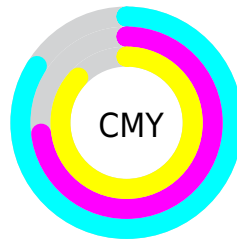
- Red (16%)
- Green (27%)
- Blue (13%)



- Red (13%)
- Yellow (27%)
- Blue (24%)



- Cyan (41%)
- Magenta (0%)
- Yellow (53%)
- Black (73%)





- Cyan (84%)
- Magenta (73%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 26.357, 135.531 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, 26.357, 135.531 by changing the saturation by 10% instead.

 26, 26.357,
135.531


 26, 26.357,
135.531

 100, 26.357,
135.531


 16, 26.357,
135.531


 46, 26.357,
135.531


 6, 26.357, 135.531

 56, 26.357,
135.531

 0, 26.357, 135.531

 66, 26.357,
135.531

 76, 26.357,
135.531

 86, 26.357,
135.531

 96, 26.357,

135.531

■ 26, 26.357,
135.531

■ 26, 26.357,
135.531

■ 26, 30.958,
134.966

■ 26, 21.516,
136.104

■ 25, 35.192,
134.458

■ 27, 16.530,
136.654

■ 25, 38.906,
134.080

■ 28, 11.471,
137.164

■ 25, 42.143,
133.750

■ 28, 6.395, 137.631

■ 25, 44.440,
133.383

■ 29, 1.344, 138.099

■ 30, 3.652, 318.367

■ 30, 8.572, 318.702

■ 31, 13.399,
318.985

■ 32, 18.123,
319.231

Harmonies

Complementary

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



26, 26.357, 135.531



18, 26.944, 320.107

Rectangle

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



26, 26.357, 135.531



26, 26.357, 185.531



26, 26.357, 315.531



26, 26.357, 5.531

Sweetspot

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



26, 26.358, 135.532



37, 10.077, 137.451



26, 18.367, 92.603



18, 6.864, 137.410



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26, 26.358, 135.532



34, 38.617, 134.809



26, 23.319, 148.760



12, 2.726, 137.818



35, 57.172, 133.680



79, 106.553, 134.496

Inverse Universe

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



18, 26.944, 320.107



22, 39.555, 320.455



18, 23.449, 336.381



12, 2.741, 318.432



17, 58.052, 320.382



45, 107.338, 319.823

Previews

White Background



This preview shows how the CIELCh color 26, 26.357, 135.531 looks on a white background.

Color Contrast Check

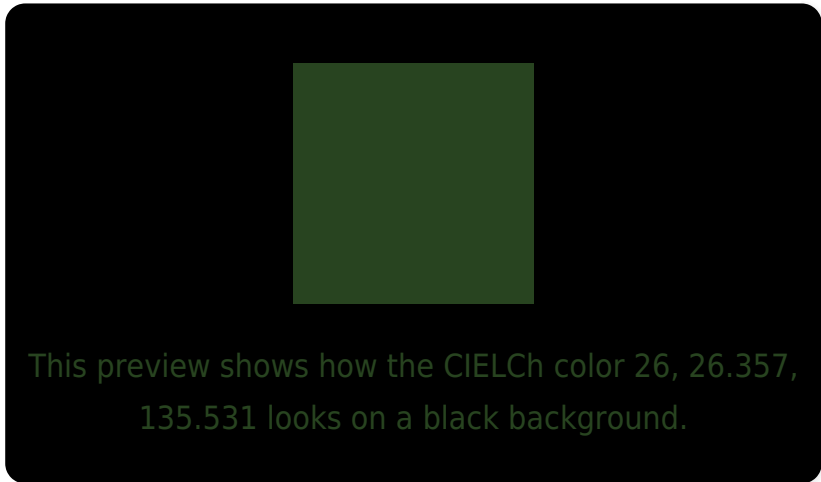
Large Text (above 18pt) WCAG AA ✓ Pass

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

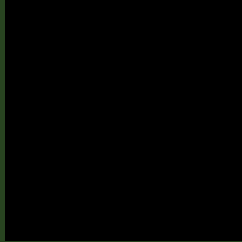
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 26.357, 135.531

Background



This preview shows how black text looks on a background with the CIELCh color 26, 26.357, 135.531.



This preview shows how white text looks on a background with the CIELCh color 26, 26.357, 135.531.

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](#).

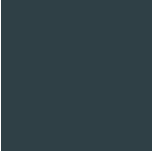
Dichromacy



Original Color
26, 26.357, 135.531

Protanopia
26, 20.174, 95.543

Deuteranopia
26, 17.813, 78.999



Tritanopia
26, 7.775, 229.031

Trichromacy



Original Color
26, 26.357, 135.531

Protanomaly
26, 21.120, 114.155

Deuteranomaly
26, 17.942, 106.406

Tritanomaly
26, 11.356, 162.351

Monochromacy



Original Color
26, 26.357, 135.531

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 10.574, 137.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 26.357, 135.531 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(40, 68, 32)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 32)  
}
```

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(40, 68, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 26.357, 135.531 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(40, 68, 32) }
```

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

```
.border{ border-color:rgb(40, 68, 32) }
```

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

Here you see how a box with a 4 pixel rgb(40, 68, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 32);  
box-shadow:4px 4px 4px 4px rgb(40, 68, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 26.357, 135.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 32) }
```

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

```
.background{ background-color: rgb(40, 68,  
32) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor