

Converting Colors

CIELCh(26, 27.355, 140.226)

Have a look what the booklet for
CIELCh(26, 27.355, 140.226)
contains.

CIELCh(26, 27.150, 140.301)	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, 27.150, 140.301)

Conversions

Conversions Part 1

Format	Color
Hex	234522
RGB	35, 69, 34
RGB Percent	14%, 27%, 13%
CMY	0.8623, 0.7289, 0.8662
CMYK	0.49, 0.00, 0.51, 0.73
HSL	118°, 34%, 20%
HSV	118°, 51%, 27%
XYZ	3.1230, 4.7465, 2.2733
YIQ	54.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

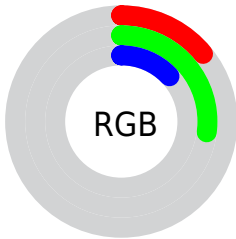
Format	Color
R_{YB}	34, 69, 68
Decimal	2311458
CIE _{Lab}	26.00, -20.89, 17.34
CIE _{LCh}	26, 27.150, 140.301
Yxy	4.7465, 0.3079, 0.4680
Android (android.graphics.Color)	4280501538 (0xFF234522)
YUV	54.8440, -10.2761, -17.4032
Hunter-Lab	21.7865, -12.5393, 9.0640

Details

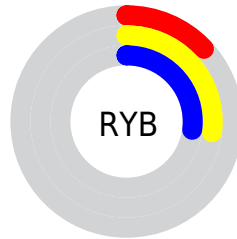
The CIELCh color **26, 27.150, 140.301** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19, 27.123, 325.953**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.464, 140.374**, and **7, 17.780, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 32.017, 139.394**, and if you desaturate by 10%, it is **27, 21.985, 141.142**.

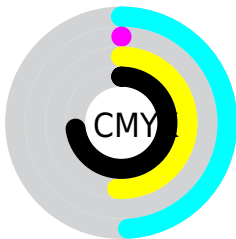
Distribution



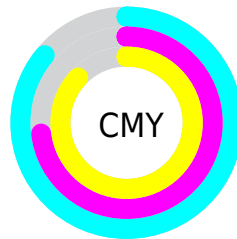
- Red (14%)
- Green (27%)
- Blue (13%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (51%)
- Black (73%)





- Cyan (86%)
- Magenta (73%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 27.150, 140.301 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, 27.150, 140.301 by changing the saturation by 10% instead.

 26, 27.150,
140.301


 26, 27.150,
140.301

 100, 27.150,
140.301


 16, 27.150,
140.301


 46, 27.150,
140.301


 6, 27.150, 140.301

 56, 27.150,
140.301

 0, 27.150, 140.301

 66, 27.150,
140.301

 76, 27.150,
140.301

 86, 27.150,
140.301

 96, 27.150,

140.301

■ 26, 27.150,
140.301

■ 26, 27.150,
140.301

■ 26, 32.017,
139.394

■ 27, 21.985,
141.142

■ 25, 36.444,
138.458

■ 27, 16.637,
141.899

■ 25, 40.264,
137.561

■ 28, 11.202,
142.569

■ 25, 43.423,
136.713

■ 28, 5.752, 143.161

■ 25, 46.331,
135.980

■ 29, 0.345, 143.986

■ 30, 4.979, 324.055

■ 31, 10.193,
324.441

■ 32, 15.276,
324.768

■ 33, 20.219,
325.049

Harmonies

Complementary

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



26, 27.150, 140.301



19, 27.123, 325.953

Rectangle

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



26, 27.150, 140.301



26, 27.150, 190.301



26, 27.150, 320.301



26, 27.150, 10.301

Sweetspot

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



26, 27.151, 140.301



36, 10.043, 142.877



28, 21.247, 104.374



18, 6.914, 142.818



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, 27.151, 140.301



33, 39.596, 139.136



26, 19.295, 157.397



14, 3.088, 143.273



36, 59.840, 135.770



79, 109.539, 135.924

Inverse Universe

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



19, 27.123, 325.953



24, 39.380, 326.415



19, 20.117, 346.318



13, 3.094, 324.053



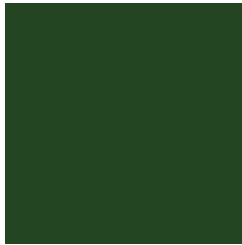
22, 58.004, 327.163



53, 105.966, 327.084

Previews

White Background



This preview shows how the CIELCh color 26, 27.150, 140.301 looks on a white background.

Color Contrast Check

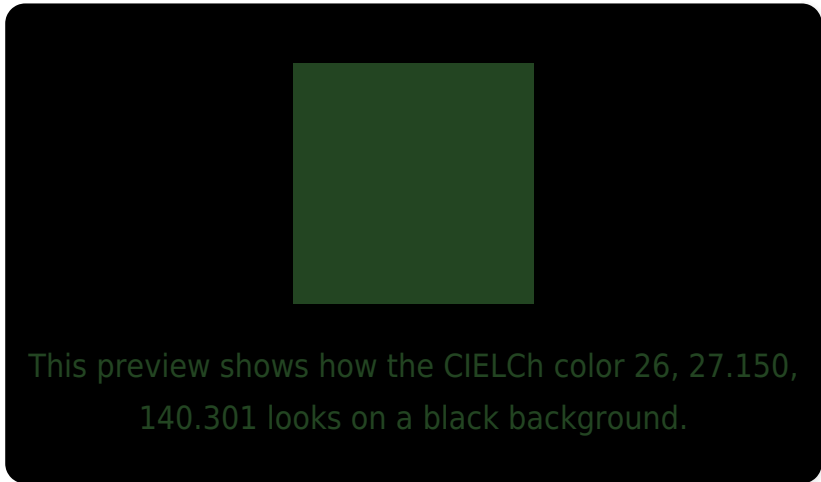
Large Text (above 18pt) WCAG AA ✓ Pass

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

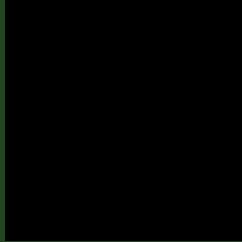
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 27.150, 140.301

Background



This preview shows how black text looks on a background with the CIELCh color 26, 27.150, 140.301.



This preview shows how white text looks on a background with the CIELCh color 26, 27.150, 140.301.

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

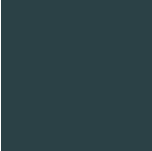
26, 27.150, 140.301

Protanopia

26, 18.979, 95.200

Deuteranopia

26, 16.673, 77.401



Tritanopia
26, 9.168, 219.212

Trichromacy



Original Color
26, 27.150, 140.301

Protanomaly
26, 20.129, 117.616

Deuteranomaly
26, 17.363, 111.565

Tritanomaly
26, 12.606, 169.344

Monochromacy



Original Color
26, 27.150, 140.301

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 10.281, 141.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 27.150, 140.301 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(35, 69, 34)` looks like.

```
.text, #text, p{  
    color:rgb(35, 69, 34)  
}
```

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(35, 69, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 69, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 27.150, 140.301 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(35, 69, 34) }
```

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

```
.border{ border-color:rgb(35, 69, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 69, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 69, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 69, 34);  
box-shadow:4px 4px 4px 4px rgb(35, 69, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 27.150, 140.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 69, 34) }
```

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

```
.background{ background-color: rgb(35, 69,  
34) }
```

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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