

Converting Colors

CIELCh(14, 18.558, 126.253)

Have a look what the booklet for
CIELCh(14, 18.558, 126.253)
contains.

CIELCh(14, 18.311, 126.404)	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(14, 18.311, 126.404)

Conversions

Conversions Part 1

Format	Color
Hex	1B270D
RGB	27, 39, 13
RGB Percent	11%, 15%, 5%
CMY	0.8934, 0.8463, 0.9480
CMYK	0.31, 0.00, 0.66, 0.85
HSL	88°, 49%, 10%
HSV	88°, 66%, 15%
XYZ	1.2635, 1.7298, 0.6572
YIQ	32.4480, 1.1940, -10.6300

Conversions

Conversions Part 2

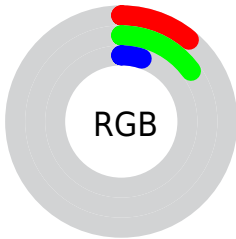
Format	Color
R_{YB}	13, 39, 25
Decimal	1779469
CIE Lab	14.00, -10.87, 14.74
CIE LCh	14, 18.311, 126.404
Yxy	1.7298, 0.3461, 0.4739
Android (android.graphics.Color)	4279969549 (0xFF1B270D)
YUV	32.4480, -9.5879, -4.7779
Hunter-Lab	13.1521, -5.8686, 6.2438

Details

The CIELCh color **14, 18.311, 126.404** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6, 19.550, 309.239**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 18.298, 126.361**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 20.300, 127.153**, and if you desaturate by 10%, it is **14, 15.989, 125.966**.

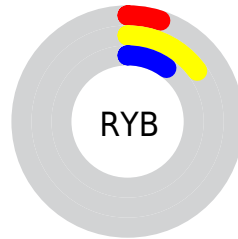
Distribution



Red (11%)

Green (15%)

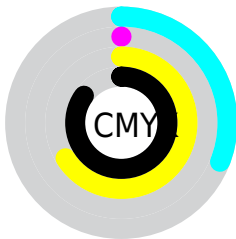
Blue (5%)



Red (5%)

Yellow (15%)

Blue (10%)

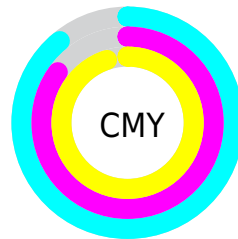


Cyan (31%)

Magenta (0%)

Yellow (66%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 18.311, 126.404 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 14, 18.311, 126.404 by changing the saturation by 10% instead.

■ 14, 18.311,
126.404

■ 14, 18.311,
126.404

■ 100, 18.311,
126.404

■ 4, 18.311, 126.404

■ 34, 18.311,
126.404

■ 0, 18.311, 126.404

■ 44, 18.311,
126.404

■ 54, 18.311,
126.404


■ 64, 18.311,
126.404


■ 74, 18.311,
126.404


■ 84, 18.311,

126.404


 94, 18.311,
126.404


 14, 18.311,
126.404


 14, 18.311,
126.404


 14, 20.300,
127.153


 14, 15.989,
125.966

 14, 22.189,
127.898

 14, 13.317,
126.054

 13, 24.097,
128.537

 15, 10.473,
126.439

 13, 24.835,
128.758

 15, 7.590, 126.828

 15, 4.689, 127.212

 16, 1.783, 127.590

■ 16, 1.116, 307.888

■ 16, 4.000, 308.238

■ 17, 6.860, 308.547

Harmonies

Complementary

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



14, 18.311, 126.404



6, 19.550, 309.239

Rectangle

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



14, 18.311, 126.404



14, 18.311, 176.404



14, 18.311, 306.404



14, 18.311, 356.404

Sweetspot

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



14, 18.312, 126.405



20, 7.256, 127.015



10, 11.217, 61.309



9, 4.643, 128.517



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



14, 18.312, 126.405



19, 26.946, 125.397



13, 21.207, 140.437



6, 1.375, 128.178



32, 47.555, 125.443



76, 93.795, 126.939

Inverse Universe

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



6, 19.550, 309.239



7, 30.060, 310.987



8, 21.569, 325.596



6, 1.372, 307.395



10, 55.645, 312.020



33, 109.382, 311.001

Previews

White Background



This preview shows how the CIELCh color 14, 18.311, 126.404 looks on a white background.

Color Contrast Check

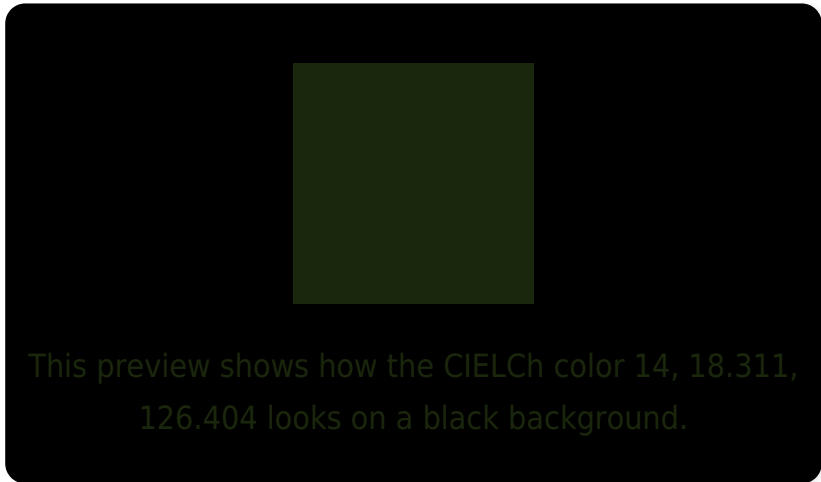
Large Text (above 18pt) WCAG AA ✓ Pass

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

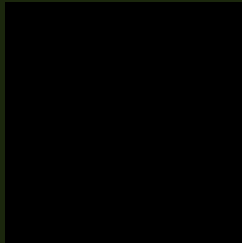
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

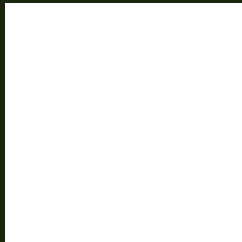
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 18.311, 126.404

Background



This preview shows how black text looks on a background with the CIELCh color 14, 18.311, 126.404.

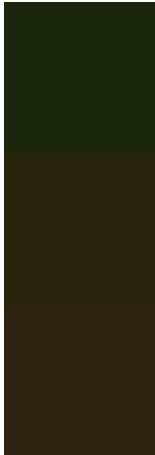


This preview shows how white text looks on a background with the CIELCh color 14, 18.311, 126.404.

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

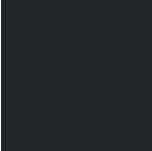
14, 18.311, 126.404

Protanopia

14, 15.789, 97.826

Deuteranopia

14, 14.174, 82.846



Tritanopia
14, 3.435, 237.482

Trichromacy



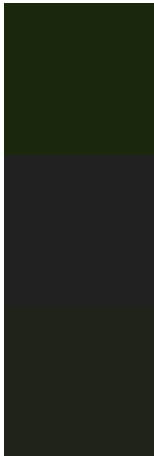
Original Color
14, 18.311, 126.404

Protanomaly
14, 16.274, 109.991

Deuteranomaly
14, 14.696, 101.872

Tritanomaly
14, 6.957, 143.430

Monochromacy



Original Color
14, 18.311, 126.404

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 6.744, 126.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 18.311, 126.404 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(27, 39, 13)` looks like.

```
.text, #text, p{  
    color:rgb(27, 39, 13)  
}
```

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(27, 39, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 39, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 18.311, 126.404 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(27, 39, 13) }
```

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

```
.border{ border-color:rgb(27, 39, 13) }
```

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

Here you see how a box with a 4 pixel rgb(27, 39, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 39, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 39, 13);  
box-shadow:4px 4px 4px 4px rgb(27, 39, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 18.311, 126.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 39, 13) }
```

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

```
.background{ background-color: rgb(27, 39,  
13) }
```

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