

Converting Colors

CIELCh(14, 10.284, 142.881)

Have a look what the booklet for
CIELCh(14, 10.284, 142.881)
contains.

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Color

CIELCh(14, 10.410, 142.840)

Conversions

Conversions Part 1

Format	Color
Hex	1B271B
RGB	27, 39, 27
RGB Percent	11%, 15%, 11%
CMY	0.8956, 0.8486, 0.8956
CMYK	0.31, 0.00, 0.31, 0.85
HSL	120°, 18%, 13%
HSV	120°, 31%, 15%
XYZ	1.3475, 1.7298, 1.2766
YIQ	34.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

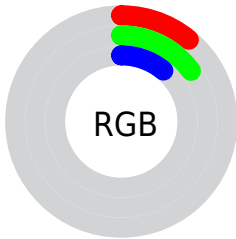
Format	Color
R_{YB}	27, 39, 39
Decimal	1779483
CIE Lab	14.00, -8.30, 6.29
CIE LCh	14, 10.410, 142.840
Yxy	1.7298, 0.3095, 0.3973
Android (android.graphics.Color)	4279969563 (0xFF1B271B)
YUV	34.0440, -3.4727, -6.1776
Hunter-Lab	13.1521, -4.7276, 3.4513

Details

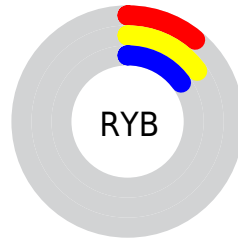
The CIELCh color **14, 10.410, 142.840** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12, 10.415, 325.772**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 10.473, 141.670**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 13.737, 142.170**, and if you desaturate by 10%, it is **14, 7.048, 143.438**.

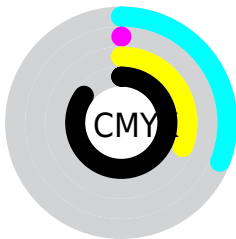
Distribution



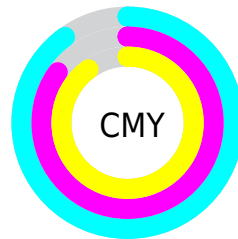
- Red (11%)
- Green (15%)
- Blue (11%)



- Red (11%)
- Yellow (15%)
- Blue (15%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (85%)



- Cyan (90%)
- Magenta (85%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 10.410, 142.840 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, 10.410, 142.840 by changing the saturation by 10% instead.

■ 14, 10.410,
142.840

■ 14, 10.410,
142.840

■ 100, 10.410,
142.840

■ 4, 10.410, 142.840

■ 34, 10.410,
142.840

■ 0, 10.410, 142.840

■ 44, 10.410,
142.840


■ 54, 10.410,
142.840


■ 64, 10.410,
142.840


■ 74, 10.410,
142.840


■ 84, 10.410,

142.840


 94, 10.410,
142.840

 14, 10.410,
142.840

 14, 10.410,
142.840


 14, 13.737,
142.170

 14, 7.048, 143.438


 13, 16.951,
141.563

 15, 3.685, 143.972

 15, 0.347, 144.651


 13, 19.847,
141.507


 16, 2.945, 324.784

 13, 22.374,
141.745

 17, 6.177, 325.152

 17, 9.337, 325.466

 13, 24.630,
142.116

 18, 12.421,

■ 12, 26.915,
142.518

325.740

■ 12, 28.948,
142.816

■ 18, 15.424,
325.980

■ 19, 18.346,
326.191

Harmonies

Complementary

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



14, 10.410, 142.840



12, 10.415, 325.772

Rectangle

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



14, 10.410, 142.840



14, 10.410, 192.840



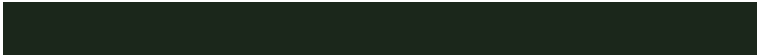
14, 10.410, 322.840



14, 10.410, 12.840

Sweetspot

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



14, 10.411, 142.840



21, 3.796, 144.045



15, 8.366, 107.830



9, 2.560, 144.124



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, 10.411, 142.840



19, 15.688, 142.275



14, 7.197, 161.475



6, 1.590, 144.484



30, 53.462, 136.026



74, 104.063, 136.019

Inverse Universe

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



12, 10.415, 325.772



15, 15.683, 326.126



11, 7.418, 345.828



6, 1.593, 324.424



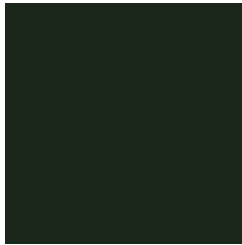
18, 51.576, 328.250



50, 100.374, 328.252

Previews

White Background



This preview shows how the CIELCh color 14, 10.410, 142.840 looks on a white background.

Color Contrast Check

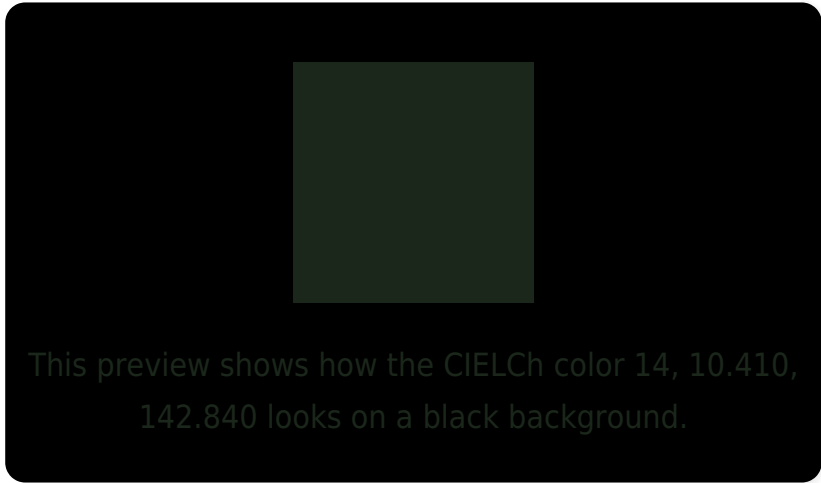
Large Text (above 18pt) WCAG AA ✓ Pass

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

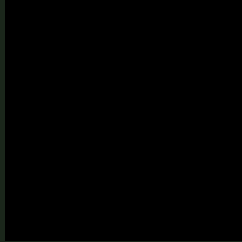
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 10.410, 142.840

Background



This preview shows how black text looks on a background with the CIELCh color 14, 10.410, 142.840.



This preview shows how white text looks on a background with the CIELCh color 14, 10.410, 142.840.

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, 10.410, 142.840

Protanopia

14, 7.831, 100.069

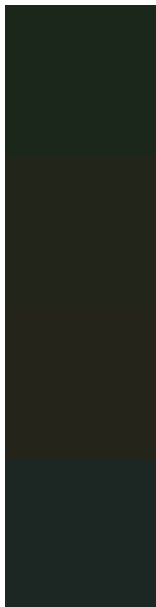
Deuteranopia

14, 6.058, 64.390



Tritanopia
14, 4.149, 229.860

Trichromacy



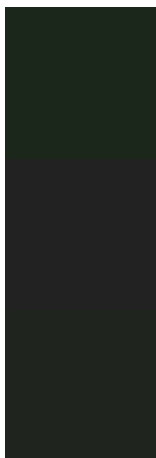
Original Color
14, 10.410, 142.840

Protanomaly
14, 7.906, 119.384

Deuteranomaly
14, 6.361, 108.325

Tritanomaly
14, 5.224, 174.029

Monochromacy



Original Color
14, 10.410, 142.840

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 4.369, 143.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 10.410, 142.840 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, 27)` looks like.

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

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, 27) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 14, 10.410, 142.840 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, 27) }
```

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

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

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, 27)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 14, 10.410, 142.840 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, 27) }
```

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

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

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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