

Converting Colors

CIELCh(14, 15.037, 161.673)

Have a look what the booklet for
CIELCh(14, 15.037, 161.673)
contains.

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Color

CIELCh(14, 15.028, 161.657)

Conversions

Conversions Part 1

Format	Color
Hex	0D291D
RGB	13, 41, 29
RGB Percent	5%, 16%, 11%
CMY	0.9505, 0.8407, 0.8877
CMYK	0.69, 0.00, 0.29, 0.84
HSL	154°, 53%, 10%
HSV	154°, 69%, 16%
XYZ	1.1578, 1.7298, 1.4126
YIQ	31.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

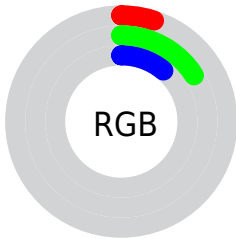
Format	Color
R_{YB}	13, 31, 41
Decimal	862493
CIE Lab	14.00, -14.26, 4.73
CIE LCh	14, 15.028, 161.657
Yxy	1.7298, 0.2692, 0.4023
Android (android.graphics.Color)	4279052573 (0xFF0D291D)
YUV	31.2600, -1.1142, -16.0140
Hunter-Lab	13.1521, -7.3022, 2.8384




Details

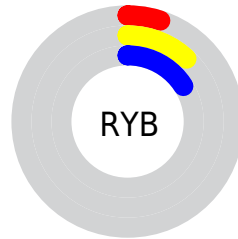
The CIELCh color **14, 15.028, 161.657** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7, 16.300, 354.619**, and the grayscale version is **12, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 15.036, 161.675**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 16.843, 160.444**, and if you desaturate by 10%, it is **14, 13.086, 162.786**.

Distribution







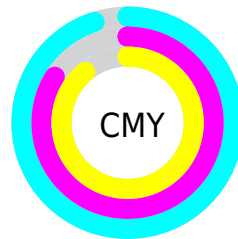
-  Red (5%)
-  Green (16%)
-  Blue (11%)






-  Red (5%)
-  Yellow (12%)
-  Blue (16%)



-  Cyan (69%)
-  Magenta (0%)
-  Yellow (29%)
-  Black (84%)



-  Cyan (95%)
-  Magenta (84%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 15.028, 161.657 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, 15.028, 161.657 by changing the saturation by 10% instead.

■ 14, 15.028,
161.657

■ 14, 15.028,
161.657

■ 100, 15.028,
161.657

■ 4, 15.028, 161.657

■ 34, 15.028,
161.657

■ 0, 15.028, 161.657

■ 44, 15.028,
161.657


■ 54, 15.028,
161.657


■ 64, 15.028,
161.657


■ 74, 15.028,
161.657


■ 84, 15.028,


161.657


 94, 15.028,
161.657


 14, 15.028,
161.657


 14, 15.028,
161.657

 14, 16.843,
160.444


 14, 13.086,
162.786

 14, 18.681,
159.462

 15, 11.025,
163.815

 13, 20.592,
158.744

 15, 8.869, 164.756

 13, 20.795,
158.683

 15, 6.642, 165.622

 16, 4.368, 166.428

 16, 2.067, 167.201

■ 16, 0.242, 347.219

■ 17, 2.545, 348.404

■ 17, 4.830, 349.036

Harmonies

Complementary

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



14, 15.028, 161.657



7, 16.300, 354.619

Rectangle

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



14, 15.028, 161.657



14, 15.028, 211.657



14, 15.028, 341.657



14, 15.028, 31.657

Sweetspot

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



14, 15.028, 161.656



21, 6.105, 166.157



14, 20.197, 129.961



10, 4.185, 166.155



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



14, 15.028, 161.656



19, 21.802, 159.122



14, 10.181, 204.808



6, 1.068, 167.209



31, 35.378, 155.137



75, 71.851, 152.868

Inverse Universe

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



7, 16.300, 354.619



9, 23.839, 358.016



7, 14.699, 24.468



6, 1.056, 348.299



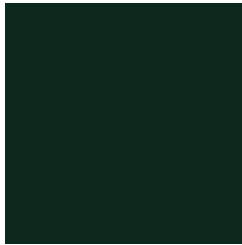
16, 37.716, 4.673



45, 73.460, 9.496

Previews

White Background



This preview shows how the CIELCh color 14, 15.028, 161.657 looks on a white background.

Color Contrast Check

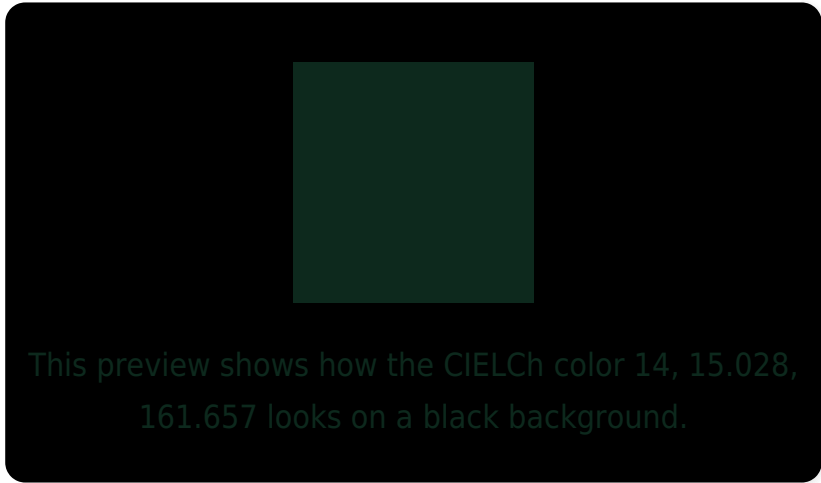
Large Text (above 18pt) WCAG AA ✓ Pass

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

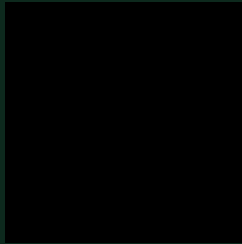
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 15.028, 161.657

Background



This preview shows how black text looks on a background with the CIELCh color 14, 15.028, 161.657.



This preview shows how white text looks on a background with the CIELCh color 14, 15.028, 161.657.

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, 15.028, 161.657

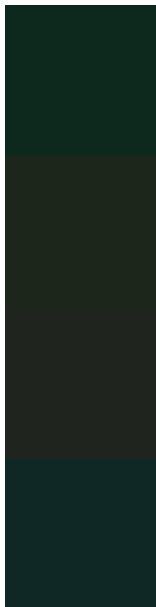
Protanopia
14, 7.138, 99.564

Deuteranopia
14, 4.649, 57.535



Tritanopia
14, 8.694, 211.963

Trichromacy



Original Color
14, 15.028, 161.657

Protanomaly
14, 9.034, 138.197

Deuteranomaly
14, 4.976, 139.186

Tritanomaly
14, 10.362, 185.098

Monochromacy



Original Color
14, 15.028, 161.657

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 6.472, 163.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 15.028, 161.657 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(13, 41, 29)` looks like.

```
.text, #text, p{  
    color:rgb(13, 41, 29)  
}
```

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(13, 41, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 41, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 15.028, 161.657 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(13, 41, 29) }
```

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

```
.border{ border-color:rgb(13, 41, 29) }
```

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

Here you see how a box with a 4 pixel rgb(13, 41, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 41, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 41, 29);  
box-shadow:4px 4px 4px 4px rgb(13, 41, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 15.028, 161.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 41, 29) }
```

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

```
.background{ background-color: rgb(13, 41,  
29) }
```

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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