

Converting Colors

CIELCh(14, 15.997, 178.592)

Have a look what the booklet for
CIELCh(14, 15.997, 178.592)
contains.

CIELCh(14, 15.775, 180.100)	3
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Color

CIELCh(14, 15.775, 180.100)

Conversions

Conversions Part 1

Format	Color
Hex	002923
RGB	0, 41, 35
RGB Percent	0%, 16%, 14%
CMY	0.9991, 0.8381, 0.8617
CMYK	0.99, 0.00, 0.15, 0.84
HSL	171°, 99%, 8%
HSV	171°, 99%, 16%
XYZ	1.1128, 1.7298, 1.8864
YIQ	28.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

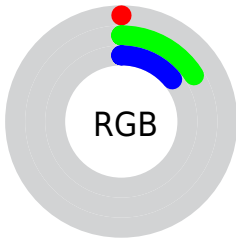
Format	Color
RYB	0, 22, 41
Decimal	10531
CIELab	14.00, -15.77, -0.03
CIElCh	14, 15.775, 180.100
Yxy	1.7298, 0.2353, 0.3658
Android (android.graphics.Color)	4278200611 (0xFF002923)
YUV	28.0570, 3.4229, -24.6060
Hunter-Lab	13.1521, -7.9131, 0.7023

Details

The CIELCh color **14, 15.775, 180.100** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4, 20.409, 12.788**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 16.020, 178.865**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 15.844, 180.069**, and if you desaturate by 10%, it is **14, 14.495, 180.729**.

Distribution



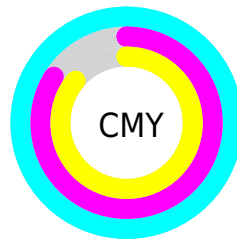
- Red (0%)
- Green (16%)
- Blue (14%)



- Red (0%)
- Yellow (9%)
- Blue (16%)



- Cyan (99%)
- Magenta (0%)
- Yellow (15%)
- Black (84%)





- Cyan (100%)
- Magenta (84%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 15.775, 180.100 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, 15.775, 180.100 by changing the saturation by 10% instead.

 14, 15.775,
180.100

 14, 15.775,
180.100


 100, 15.775,
180.100


 4, 15.775, 180.100


 34, 15.775,
180.100

 0, 15.775, 180.100

 44, 15.775,
180.100


 54, 15.775,
180.100


 64, 15.775,
180.100


 74, 15.775,
180.100


 84, 15.775,


180.100

 94, 15.775,
180.100


 14, 15.775,
180.100


 14, 15.775,
180.100

 14, 15.844,
180.069

 14, 14.495,
180.729

 14, 13.275,
181.484

 15, 12.065,
182.348

 15, 10.696,
183.176

 15, 9.170, 183.963

■ 15, 7.506, 184.716

■ 16, 5.725, 185.445

■ 16, 3.849, 186.159

■ 16, 1.898, 186.885

Harmonies

Complementary

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



14, 15.775, 180.100



4, 20.409, 12.788

Rectangle

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



14, 15.775, 180.100



14, 15.775, 230.100



14, 15.775, 0.100



14, 15.775, 50.100

Sweetspot

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



14, 15.775, 180.099



21, 7.228, 185.274



14, 29.343, 138.795



9, 4.992, 185.252



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, 15.775, 180.099



19, 18.757, 179.184



9, 13.350, 252.578



6, 0.920, 187.110



31, 25.598, 177.966



76, 50.593, 176.486

Inverse Universe

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



4, 20.409, 12.788



7, 28.022, 16.698



7, 16.635, 41.790



6, 0.918, 7.742



15, 40.560, 26.909



44, 84.090, 33.660

Previews

White Background



This preview shows how the CIELCh color 14, 15.775, 180.100 looks on a white background.

Color Contrast Check

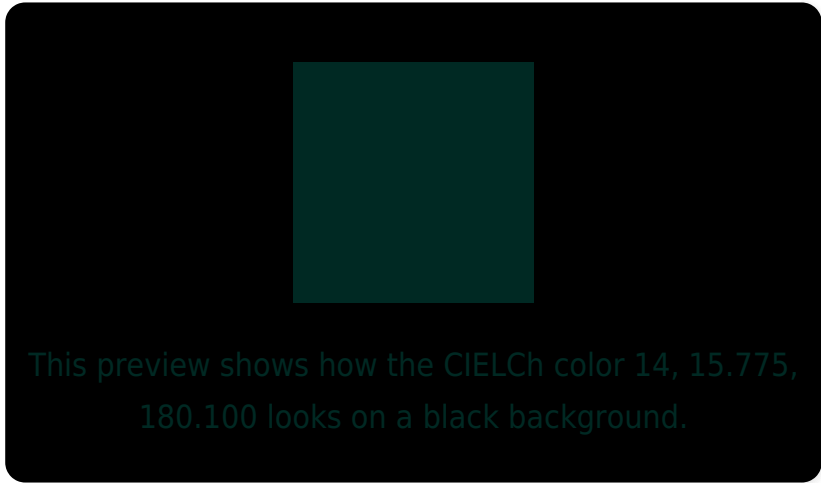
Large Text (above 18pt) WCAG AA ✓ Pass

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

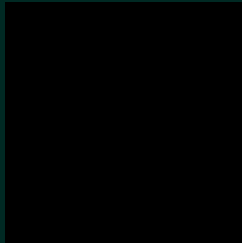
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 15.775, 180.100

Background



This preview shows how black text looks on a background with the CIELCh color 14, 15.775, 180.100.



This preview shows how white text looks on a background with the CIELCh color 14, 15.775, 180.100.

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, 15.775, 180.100

Protanopia
14, 2.347, 84.084

Deuteranopia
14, 2.848, 350.262



Tritanopia
14, 10.890, 208.572

Trichromacy



Original Color
14, 15.775, 180.100

Protanomaly
14, 7.155, 174.155

Deuteranomaly
14, 5.147, 190.183

Tritanomaly
14, 12.109, 196.754

Monochromacy



Original Color
14, 15.775, 180.100

Achromatopsia
10, 0.003, 296.813

Achromatomaly
11, 7.032, 185.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 15.775, 180.100 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(0, 41, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 35)  
}
```

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(0, 41, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 15.775, 180.100 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(0, 41, 35) }
```

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

```
.border{ border-color:rgb(0, 41, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 41, 35); box-shadow:4px  
4px 4px 4px rgb(0, 41, 35) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 15.775, 180.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 35) }
```

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

```
.background{ background-color: rgb(0, 41,  
35) }
```

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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