

Converting Colors

CIELCh(13, 16.877, 189.681)

Have a look what the booklet for
CIELCh(13, 16.877, 189.681)
contains.

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Color

CIELCh(14, 14.602, 187.640)

Conversions

Conversions Part 1

Format	Color
Hex	012926
RGB	1, 41, 38
RGB Percent	0%, 16%, 15%
CMY	0.9969, 0.8393, 0.8511
CMYK	0.98, 0.00, 0.07, 0.84
HSL	175°, 96%, 8%
HSV	175°, 98%, 16%
XYZ	1.1516, 1.7298, 2.1036
YIQ	28.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

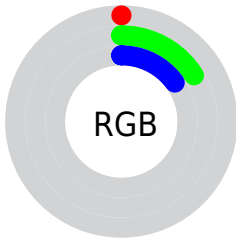
Format	Color
R_{YB}	1, 22, 41
Decimal	76070
CIE _{Lab}	14.00, -14.47, -1.94
CIE _{LCh}	14, 14.602, 187.640
Yxy	1.7298, 0.2310, 0.3470
Android (android.graphics.Color)	4278266150 (0xFF012926)
YUV	28.6980, 4.5859, -24.2911
Hunter-Lab	13.1521, -7.3873, -0.2764

Details

The CIELCh color **14, 14.602, 187.640** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4, 19.930, 16.043**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 14.746, 187.536**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 14.825, 187.553**, and if you desaturate by 10%, it is **14, 13.470, 188.118**.

Distribution



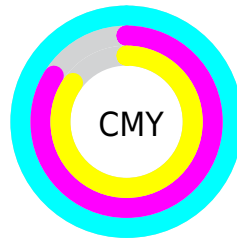
- Red (0%)
- Green (16%)
- Blue (15%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (7%)
- Black (84%)





- Cyan (100%)
- Magenta (84%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 14.602, 187.640 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, 14.602, 187.640 by changing the saturation by 10% instead.

 14, 14.602,
187.640


 14, 14.602,
187.640


 100, 14.602,
187.640


 4, 14.602, 187.640


 34, 14.602,
187.640

 0, 14.602, 187.640

 44, 14.602,
187.640


 54, 14.602,
187.640


 64, 14.602,
187.640


 74, 14.602,
187.640


 84, 14.602,


187.640

 94, 14.602,
187.640


 14, 14.602,
187.640


 14, 14.602,
187.640

 14, 14.825,
187.553

 14, 13.470,
188.118

 14, 12.388,
188.662

 14, 11.287,
189.258

 15, 10.014,
189.846

 15, 8.578, 190.427

■ 15, 6.995, 191.006

■ 16, 5.288, 191.588

■ 16, 3.476, 192.179

■ 16, 1.580, 192.816

Harmonies

Complementary

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



14, 14.602, 187.640



4, 19.930, 16.043

Rectangle

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



14, 14.602, 187.640



14, 14.602, 237.640



14, 14.602, 7.640



14, 14.602, 57.640

Sweetspot

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



14, 14.602, 187.639



21, 6.803, 191.426



13, 29.419, 140.245



9, 4.723, 191.399



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, 14.602, 187.639



19, 17.544, 187.023



7, 14.257, 262.448



6, 0.903, 193.039



32, 23.780, 186.305



77, 46.595, 185.420

Inverse Universe

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



4, 19.930, 16.043



7, 28.235, 19.645



8, 15.819, 49.000



6, 0.903, 13.302



15, 41.533, 29.995



44, 87.769, 37.372

Previews

White Background



This preview shows how the CIELCh color 14, 14.602, 187.640 looks on a white background.

Color Contrast Check

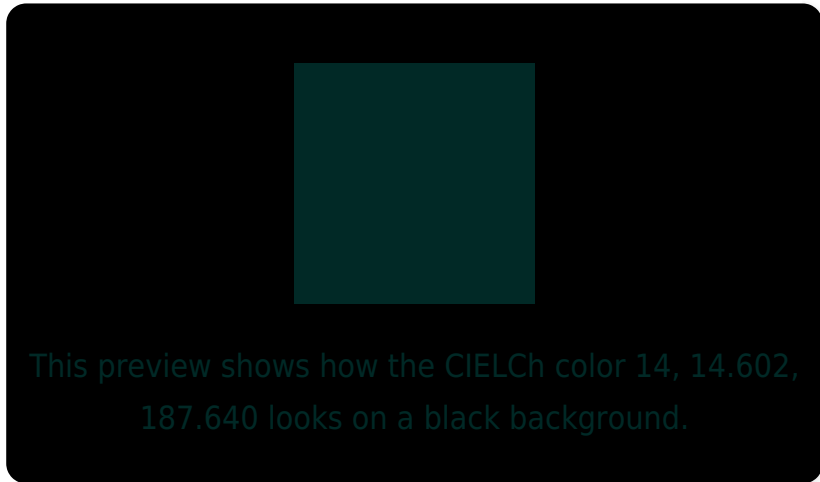
Large Text (above 18pt) WCAG AA ✓ Pass

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

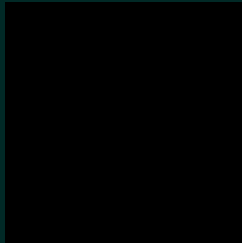
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

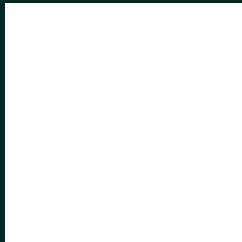
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 14.602, 187.640

Background



This preview shows how black text looks on a background with the CIELCh color 14, 14.602, 187.640.



This preview shows how white text looks on a background with the CIELCh color 14, 14.602, 187.640.

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, 14.541, 187.696

Protanopia
14, 0.859, 74.779

Deuteranopia
14, 3.455, 324.857



Tritanopia
14, 11.117, 208.292

Trichromacy



Original Color
14, 14.541, 187.696

Protanomaly
14, 6.567, 185.265

Deuteranomaly
14, 5.476, 213.474

Tritanomaly
14, 11.963, 200.272

Monochromacy



Original Color
14, 14.541, 187.696

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 6.432, 191.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 14.602, 187.640 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(1, 41, 38)` looks like.

```
.text, #text, p{  
    color:rgb(1, 41, 38)  
}
```

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(1, 41, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 41, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 14.602, 187.640 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(1, 41, 38) }
```

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

```
.border{ border-color:rgb(1, 41, 38) }
```

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

Here you see how a box with a 4 pixel rgb(1, 41, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 41, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 41, 38); box-shadow:4px  
4px 4px 4px rgb(1, 41, 38) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 14.602, 187.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 41, 38) }
```

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

```
.background{ background-color: rgb(1, 41,  
38) }
```

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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