

Converting Colors

CIELCh(14, 11.157, 192.647)

Have a look what the booklet for
CIELCh(14, 11.157, 192.647)
contains.

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Color

CIELCh(14, 11.060, 193.223)

Conversions

Conversions Part 1

Format	Color
Hex	0C2827
RGB	12, 40, 39
RGB Percent	5%, 16%, 15%
CMY	0.9536, 0.8437, 0.8476
CMYK	0.70, 0.00, 0.03, 0.84
HSL	178°, 54%, 10%
HSV	178°, 70%, 16%
XYZ	1.2667, 1.7298, 2.1735
YIQ	31.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

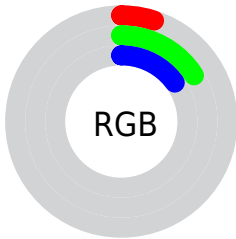
Format	Color
RYB	12, 26, 40
Decimal	796711
CIELab	14.00, -10.77, -2.53
CIElCh	14, 11.060, 193.223
Yxy	1.7298, 0.2450, 0.3346
Android (android.graphics.Color)	4278986791 (0xFF0C2827)
YUV	31.5140, 3.6906, -17.1138
Hunter-Lab	13.1521, -5.8250, -0.5919

Details

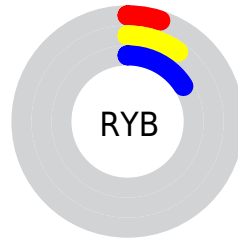
The CIELCh color **14, 11.060, 193.223** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7, 15.258, 18.603**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 11.015, 194.608**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 12.075, 192.823**, and if you desaturate by 10%, it is **14, 9.899, 193.637**.

Distribution



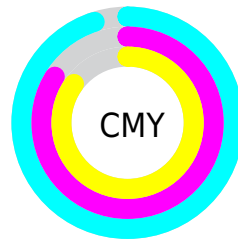
- Red (5%)
- Green (16%)
- Blue (15%)



- Red (5%)
- Yellow (10%)
- Blue (16%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (84%)





- Cyan (95%)
- Magenta (84%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 11.060, 193.223 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, 11.060, 193.223 by changing the saturation by 10% instead.

 14, 11.060,
193.223


 14, 11.060,
193.223


 100, 11.060,
193.223


 4, 11.060, 193.223


 34, 11.060,
193.223

 0, 11.060, 193.223

 44, 11.060,
193.223


 54, 11.060,
193.223


 64, 11.060,
193.223


 74, 11.060,
193.223


 84, 11.060,

193.223


 94, 11.060,
193.223

 14, 11.060,
193.223


 14, 11.060,
193.223

 14, 12.075,
192.823

 14, 9.899, 193.637

 14, 13.109,
192.456

 14, 8.571, 194.069

 14, 14.153,
192.125

 15, 7.092, 194.518

 15, 5.482, 194.988

 15, 3.761, 195.480

 16, 1.946, 196.016

 16, 0.058, 199.563

■ 16, 1.888, 16.841

■ 17, 3.875, 17.411

Harmonies

Complementary

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



14, 11.060, 193.223



7, 15.258, 18.603

Rectangle

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



14, 11.060, 193.223



14, 11.060, 243.223



14, 11.060, 13.223



14, 11.060, 63.223

Sweetspot

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



14, 11.060, 193.221



20, 4.774, 195.381



13, 22.585, 140.387



8, 3.124, 195.496



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, 11.060, 193.221



19, 14.838, 192.478



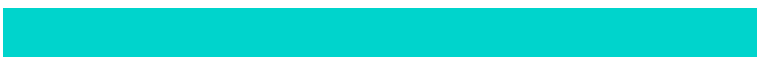
9, 10.708, 260.621



6, 0.898, 196.440



32, 22.964, 191.466



77, 44.814, 191.016

Inverse Universe

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



7, 15.258, 18.603



8, 23.218, 22.048



10, 11.973, 60.276



6, 0.898, 16.455



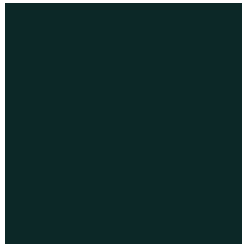
15, 42.110, 31.611



44, 89.377, 38.785

Previews

White Background



This preview shows how the CIELCh color 14, 11.060, 193.223 looks on a white background.

Color Contrast Check

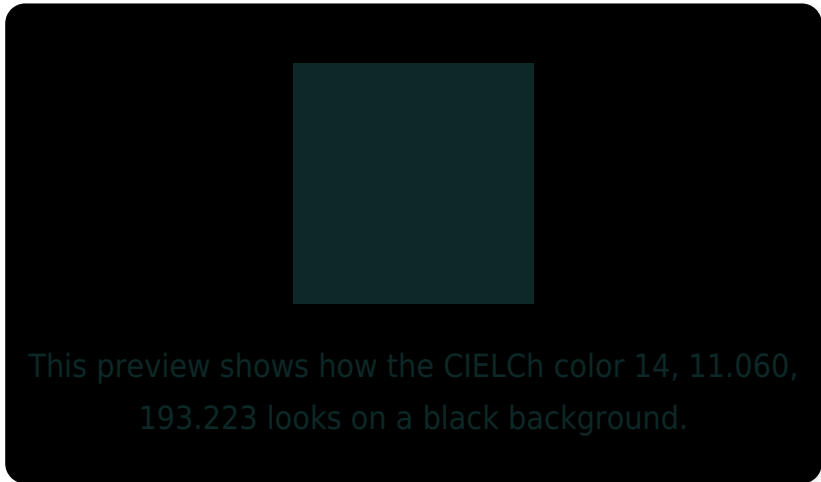
Large Text (above 18pt) WCAG AA ✓ Pass

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

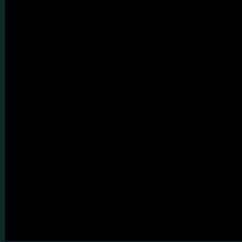
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 11.060, 193.223

Background



This preview shows how black text looks on a background with the CIELCh color 14, 11.060, 193.223.



This preview shows how white text looks on a background with the CIELCh color 14, 11.060, 193.223.

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, 11.060, 193.223

Protanopia

14, 0.003, 296.813

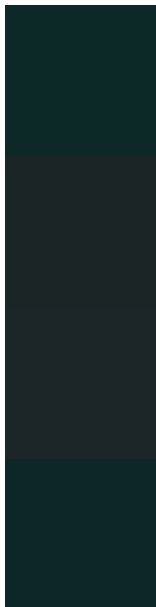
Deuteranopia

14, 3.703, 305.994



Tritanopia
14, 9.854, 210.014

Trichromacy



Original Color
14, 11.060, 193.223

Protanomaly
14, 4.603, 198.352

Deuteranomaly
14, 4.517, 227.011

Tritanomaly
14, 10.140, 205.397

Monochromacy



Original Color
14, 11.060, 193.223

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 4.639, 198.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 11.060, 193.223 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(12, 40, 39)` looks like.

```
.text, #text, p{  
    color:rgb(12, 40, 39)  
}
```

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(12, 40, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 40, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 11.060, 193.223 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(12, 40, 39) }
```

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

```
.border{ border-color:rgb(12, 40, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 40, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 40, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 40, 39);  
box-shadow:4px 4px 4px 4px rgb(12, 40, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 11.060, 193.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 40, 39) }
```

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

```
.background{ background-color: rgb(12, 40,  
39) }
```

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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