

Converting Colors

CIELCh(14, 11.389, 231.047)

Have a look what the booklet for
CIELCh(14, 11.389, 231.047)
contains.

CIELCh(14, 11.395, 232.246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(14, 11.395, 232.246)

Conversions

Conversions Part 1

Format	Color
Hex	0B2730
RGB	11, 39, 48
RGB Percent	4%, 15%, 19%
CMY	0.9572, 0.8473, 0.8120
CMYK	0.77, 0.19, 0.00, 0.81
HSL	195°, 63%, 12%
HSV	195°, 77%, 19%
XYZ	1.3921, 1.7298, 3.0490
YIQ	31.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

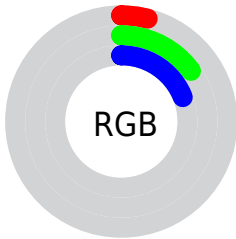
Format	Color
R_{YB}	11, 27, 48
Decimal	730928
CIE _{Lab}	14.00, -6.98, -9.01
CIE _{LCh}	14, 11.395, 232.246
Yxy	1.7298, 0.2256, 0.2803
Android (android.graphics.Color)	4278921008 (0xFF0B2730)
YUV	31.6540, 8.0586, -18.1136
Hunter-Lab	13.1521, -4.1229, -4.5385

Details

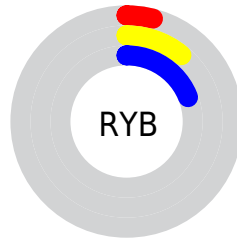
The CIELCh color **14, 11.395, 232.246** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 17.267, 39.647**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 11.318, 232.196**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 12.318, 234.181**, and if you desaturate by 10%, it is **15, 10.379, 230.418**.

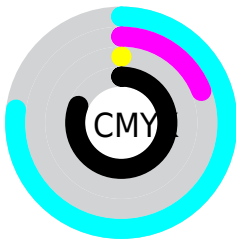
Distribution



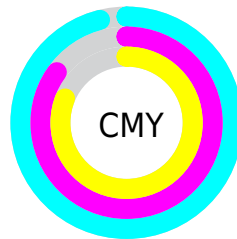
- Red (4%)
- Green (15%)
- Blue (19%)



- Red (4%)
- Yellow (11%)
- Blue (19%)



- Cyan (77%)
- Magenta (19%)
- Yellow (0%)
- Black (81%)





- Cyan (96%)
- Magenta (85%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 11.395, 232.246 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, 11.395, 232.246 by changing the saturation by 10% instead.

 14, 11.395,
232.246


 14, 11.395,
232.246


 100, 11.395,
232.246


 4, 11.395, 232.246


 34, 11.395,
232.246

 0, 11.395, 232.246

 44, 11.395,
232.246


 54, 11.395,
232.246


 64, 11.395,
232.246


 74, 11.395,
232.246


 84, 11.395,


232.246


 94, 11.395,
232.246

 14, 11.395,
232.246


 14, 11.395,
232.246

 13, 12.318,
234.181

 15, 10.379,
230.418

 13, 13.303,
235.718


 15, 9.199, 228.926

 13, 13.588,
236.076

 16, 7.866, 227.720

 17, 6.395, 226.754

 18, 4.804, 225.990

 18, 3.111, 225.399

■ 19, 1.331, 225.004

■ 20, 0.518, 44.106

■ 21, 2.424, 44.121

Harmonies

Complementary

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



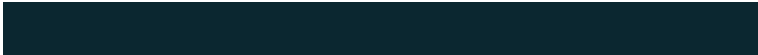
14, 11.395, 232.246



10, 17.267, 39.647

Rectangle

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



14, 11.395, 232.246



14, 11.395, 282.246



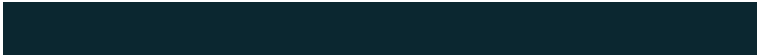
14, 11.395, 52.246



14, 11.395, 102.246

Sweetspot

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



14, 11.395, 232.245



24, 5.022, 225.793



17, 25.200, 145.249



10, 3.388, 225.832



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



14, 11.395, 232.245



18, 15.259, 236.885



7, 20.523, 288.430



7, 0.922, 225.713



25, 20.354, 241.003



62, 39.914, 245.306

Inverse Universe

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



9, 24.649, 336.821



11, 33.566, 338.433



16, 18.441, 87.753



7, 1.657, 332.348



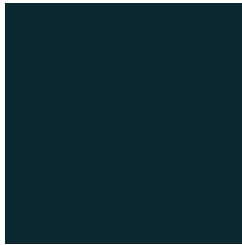
17, 44.273, 339.726



48, 83.950, 341.056

Previews

White Background



This preview shows how the CIELCh color 14, 11.395, 232.246 looks on a white background.

Color Contrast Check

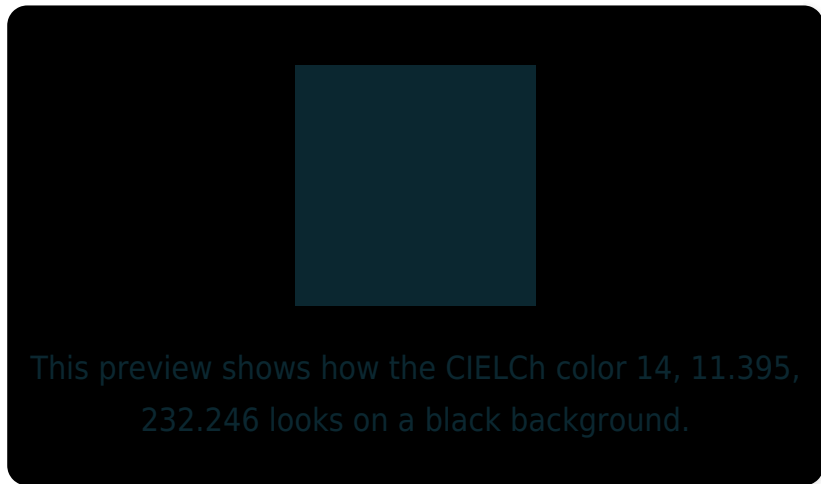
Large Text (above 18pt) WCAG AA ✓ Pass

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

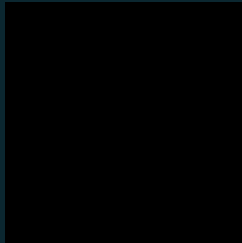
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

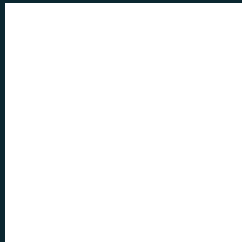
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 11.395, 232.246

Background



This preview shows how black text looks on a background with the CIELCh color 14, 11.395, 232.246.



This preview shows how white text looks on a background with the CIELCh color 14, 11.395, 232.246.

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, 11.395, 232.246

Protanopia

14, 7.167, 285.128

Deuteranopia

14, 10.021, 285.737



Tritanopia
14, 12.256, 207.017

Trichromacy



Original Color
14, 11.395, 232.246

Protanomaly
14, 8.291, 258.972

Deuteranomaly
14, 10.217, 265.060

Tritanomaly
14, 11.797, 214.854

Monochromacy



Original Color
14, 11.395, 232.246

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 5.278, 222.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 11.395, 232.246 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(11, 39, 48)` looks like.

```
.text, #text, p{  
    color:rgb(11, 39, 48)  
}
```

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(11, 39, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 39, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 11.395, 232.246 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(11, 39, 48) }
```

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

```
.border{ border-color:rgb(11, 39, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 39, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 39, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 39, 48);  
box-shadow:4px 4px 4px 4px rgb(11, 39, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 11.395, 232.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 39, 48) }
```

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

```
.background{ background-color: rgb(11, 39,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor