

Converting Colors

CIELCh(14, 17.386, 254.252)

Have a look what the booklet for
CIELCh(14, 17.386, 254.252)
contains.

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Color

CIELCh(14, 17.110, 255.115)

Conversions

Conversions Part 1

Format	Color
Hex	00273B
RGB	0, 39, 59
RGB Percent	0%, 15%, 23%
CMY	1.0000, 0.8488, 0.7705
CMYK	1.00, 0.34, 0.00, 0.77
HSL	200°, 100%, 11%
HSV	200°, 100%, 23%
XYZ	1.4821, 1.7298, 4.3288
YIQ	29.6190, -29.6640, -2.0480

Conversions

Conversions Part 2

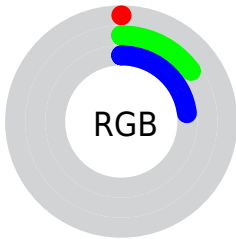
Format	Color
RYB	0, 23, 59
Decimal	10043
CIELab	14.00, -4.40, -16.54
CIElCh	14, 17.110, 255.115
Yxy	1.7298, 0.1965, 0.2294
Android (android.graphics.Color)	4278200123 (0xFF00273B)
YUV	29.6190, 14.4848, -25.9759
Hunter-Lab	13.1521, -2.9013, -10.3079

Details

The CIELCh color **14, 17.110, 255.115** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 25.529, 46.127**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 16.894, 253.760**, and **1, 5.946, 287.505** is the 20% darker color. If you saturate the color by 10%, you get **14, 17.058, 255.386**, and if you desaturate by 10%, it is **15, 15.689, 252.864**.

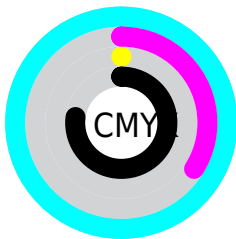
Distribution



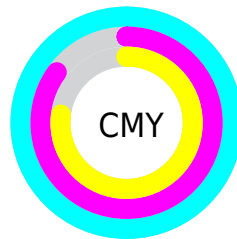
- Red (0%)
- Green (15%)
- Blue (23%)



- Red (0%)
- Yellow (9%)
- Blue (23%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 17.110, 255.115 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, 17.110, 255.115 by changing the saturation by 10% instead.

■ 14, 17.110,
255.115

■ 14, 17.110,
255.115

■ 100, 17.110,
255.115

■ 4, 17.110, 255.115

■ 34, 17.110,
255.115

■ 0, 17.110, 255.115

■ 44, 17.110,
255.115


■ 54, 17.110,
255.115


■ 64, 17.110,
255.115


■ 74, 17.110,
255.115


■ 84, 17.110,


255.115


 94, 17.110,
255.115


 14, 17.110,
255.115


 14, 17.110,
255.115

 14, 17.058,
255.386

 15, 15.689,
252.864

 16, 14.399,
249.820

 17, 13.033,
246.980

 18, 11.527,
244.588

 19, 9.882, 242.591

■ 20, 8.106, 240.935

■ 21, 6.215, 239.567

■ 22, 4.223, 238.443

■ 23, 2.147, 237.546

Harmonies

Complementary

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



14, 17.110, 255.115



12, 25.529, 46.127

Rectangle

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



14, 17.110, 255.115



14, 17.110, 305.115



14, 17.110, 75.115



14, 17.110, 125.115

Sweetspot

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



14, 17.058, 255.386



28, 7.749, 239.746



21, 33.689, 145.529



12, 5.176, 239.905



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



14, 17.058, 255.386



19, 20.829, 257.995



5, 35.203, 296.662



10, 1.150, 237.419



24, 23.929, 259.474



57, 47.232, 264.027

Inverse Universe

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



9, 32.433, 344.598



14, 38.374, 345.644



20, 28.844, 92.687



9, 1.994, 336.453



18, 43.262, 346.266



48, 80.177, 348.336

Previews

White Background



This preview shows how the CIE LCh color 14, 17.110, 255.115 looks on a white background.

Color Contrast Check

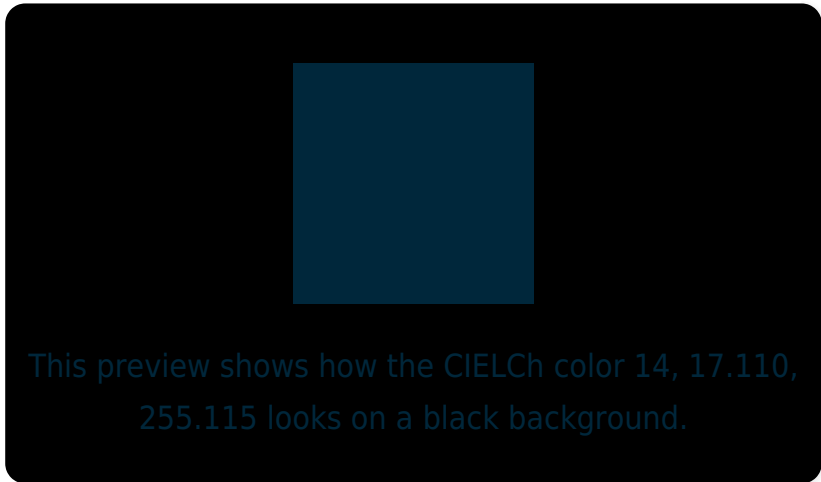
Large Text (above 18pt) WCAG AA ✓ Pass

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

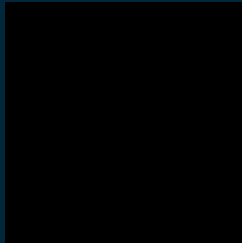
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

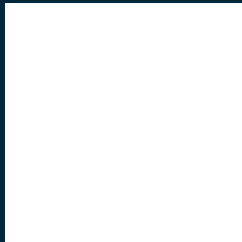
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 17.110, 255.115

Background



This preview shows how black text looks on a background with the CIELCh color 14, 17.110, 255.115.



This preview shows how white text looks on a background with the CIELCh color 14, 17.110, 255.115.

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, 17.110, 255.115

Protanopia

14, 14.332, 283.264

Deuteranopia

15, 16.088, 276.551



Tritanopia
14, 13.655, 205.695

Trichromacy



Original Color
14, 17.110, 255.115

Protanomaly
14, 15.257, 268.915

Deuteranomaly
14, 16.193, 266.848

Tritanomaly
14, 13.643, 225.447

Monochromacy



Original Color
14, 17.110, 255.115

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 7.972, 245.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 17.110, 255.115 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, 39, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 59)  
}
```

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, 39, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 17.110, 255.115 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, 39, 59) }
```

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

```
.border{ border-color:rgb(0, 39, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 59); box-shadow:4px  
4px 4px 4px rgb(0, 39, 59) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 17.110, 255.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 59) }
```

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

```
.background{ background-color: rgb(0, 39,  
59) }
```

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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