

Converting Colors

CIELCh(13, 22.237, 224.949)

Have a look what the booklet for
CIELCh(13, 22.237, 224.949)
contains.

CIELCh(14, 15.157, 242.852)	3
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Color

CIELCh(14, 15.157, 242.852)

Conversions

Conversions Part 1

Format	Color
Hex	002736
RGB	0, 39, 54
RGB Percent	0%, 15%, 21%
CMY	1.0000, 0.8461, 0.7875
CMYK	1.00, 0.28, 0.00, 0.79
HSL	197°, 100%, 11%
HSV	197°, 100%, 21%
XYZ	1.3942, 1.7298, 3.7743
YIQ	29.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

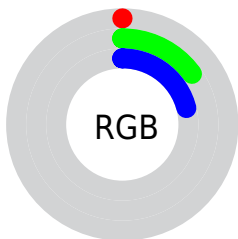
Format	Color
RYB	0, 23, 54
Decimal	10038
CIELab	14.00, -6.92, -13.49
CIELCh	14, 15.157, 242.852
Yxy	1.7298, 0.2021, 0.2508
Android (android.graphics.Color)	4278200118 (0xFF002736)
YUV	29.0490, 12.3008, -25.4760
Hunter-Lab	13.1521, -4.0947, -7.8083

Details

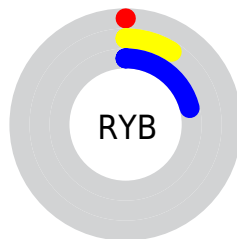
The CIELCh color **14, 15.157, 242.852** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 24.190, 39.722**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 15.023, 243.944**, and **0, 2.823, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 15.045, 243.298**, and if you desaturate by 10%, it is **15, 13.953, 241.298**.

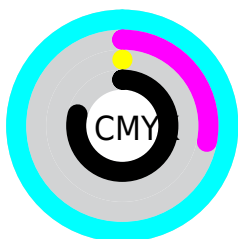
Distribution



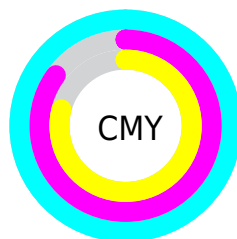
- Red (0%)
- Green (15%)
- Blue (21%)



- Red (0%)
- Yellow (9%)
- Blue (21%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 15.157, 242.852 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, 15.157, 242.852 by changing the saturation by 10% instead.

■ 14, 15.157,
242.852

■ 14, 15.157,
242.852

■ 100, 15.157,
242.852

■ 4, 15.157, 242.852

■ 34, 15.157,
242.852

■ 0, 15.157, 242.852

■ 44, 15.157,
242.852


■ 54, 15.157,
242.852


■ 64, 15.157,
242.852


■ 74, 15.157,
242.852


■ 84, 15.157,


242.852


 94, 15.157,
242.852


 14, 15.157,
242.852


 14, 15.157,
242.852

 14, 15.045,
243.298

 15, 13.953,
241.298

 16, 12.930,
238.847

 16, 11.825,
236.509

 17, 10.547,
234.578

 18, 9.106, 232.999

■ 19, 7.514, 231.717

■ 20, 5.789, 230.683

■ 21, 3.950, 229.860

■ 22, 2.015, 229.235

Harmonies

Complementary

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



14, 15.157, 242.852



10, 24.190, 39.722

Rectangle

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



14, 15.157, 242.852



14, 15.157, 292.852



14, 15.157, 62.852



14, 15.157, 112.852

Sweetspot

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



14, 15.045, 243.298



27, 7.263, 230.830



19, 33.425, 143.677



12, 4.844, 230.924



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



14, 15.045, 243.298



20, 18.238, 245.875



5, 30.367, 293.022



10, 1.152, 229.159



26, 21.880, 247.812



62, 42.353, 252.120

Inverse Universe

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



8, 32.166, 340.425



13, 38.173, 341.239



18, 25.338, 87.661



9, 2.090, 333.763



19, 45.011, 341.875



49, 83.500, 343.373

Previews

White Background



This preview shows how the CIELCh color 14, 15.157, 242.852 looks on a white background.

Color Contrast Check

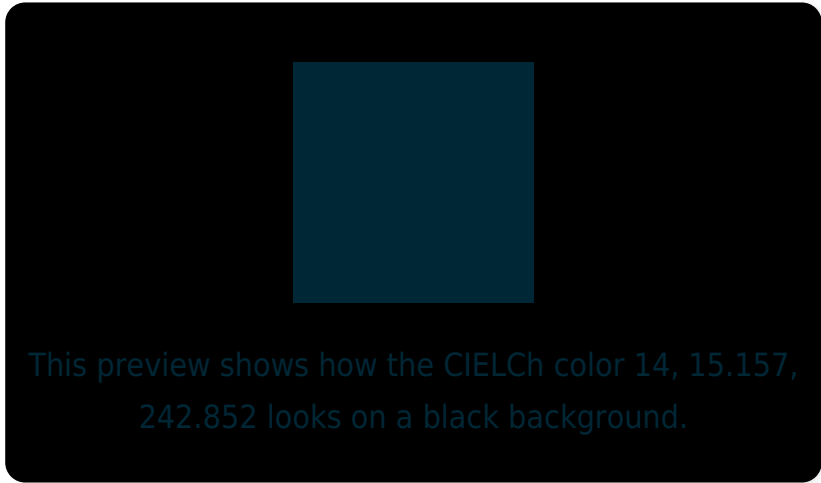
Large Text (above 18pt) WCAG AA ✓ Pass

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

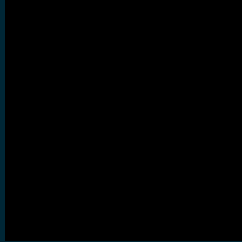
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 15.157, 242.852

Background



This preview shows how black text looks on a background with the CIELCh color 14, 15.157, 242.852.



This preview shows how white text looks on a background with the CIELCh color 14, 15.157, 242.852.

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, 15.030, 243.579

Protanopia

14, 11.420, 285.059

Deuteranopia

14, 13.709, 280.932



Tritanopia
14, 13.655, 205.695

Trichromacy



Original Color
14, 15.030, 243.579

Protanomaly
14, 12.654, 263.916

Deuteranomaly
14, 14.062, 265.532

Tritanomaly
14, 13.513, 222.249

Monochromacy



Original Color
14, 15.030, 243.579

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 7.133, 228.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 15.157, 242.852 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 15.157, 242.852 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, 54) }
```

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

```
.border{ border-color:rgb(0, 39, 54) }
```

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, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 54); box-shadow:4px  
4px 4px 4px rgb(0, 39, 54) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 15.157, 242.852 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, 54) }
```

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

```
.background{ background-color: rgb(0, 39,  
54) }
```

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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