

Converting Colors

CIELCh(14, 28.363, 144.712)

Have a look what the booklet for
CIELCh(14, 28.363, 144.712)
contains.

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Color

CIELCh(14, 28.435, 144.440)

Conversions

Conversions Part 1

Format	Color
Hex	012B09
RGB	1, 43, 9
RGB Percent	0%, 17%, 4%
CMY	0.9967, 0.8326, 0.9665
CMYK	0.98, 0.00, 0.80, 0.83
HSL	131°, 96%, 9%
HSV	131°, 98%, 17%
XYZ	0.9102, 1.7298, 0.5314
YIQ	26.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

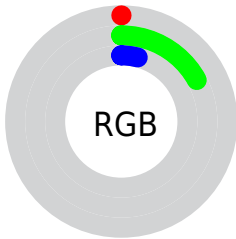
Format	Color
R_{YB}	1, 36, 43
Decimal	76553
CIE _{Lab}	14.00, -23.13, 16.54
CIE _{LCh}	14, 28.435, 144.440
Yxy	1.7298, 0.2870, 0.5454
Android (android.graphics.Color)	4278266633 (0xFF012B09)
YUV	26.5660, -8.6600, -22.4214
Hunter-Lab	13.1521, -10.6630, 6.8107

Details

The CIELCh color **14, 28.435, 144.440** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6, 27.919, 335.016**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 28.367, 144.510**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 28.879, 144.528**, and if you desaturate by 10%, it is **14, 26.214, 144.113**.

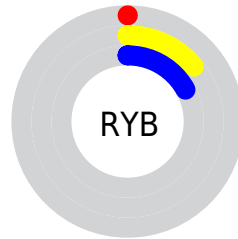
Distribution



Red (0%)

Green (17%)

Blue (4%)



Red (0%)

Yellow (14%)

Blue (17%)

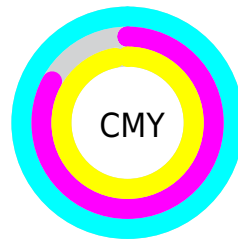


Cyan (98%)

Magenta (0%)

Yellow (80%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 28.435, 144.440 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, 28.435, 144.440 by changing the saturation by 10% instead.

■ 14, 28.435,
144.440

■ 14, 28.435,
144.440

■ 100, 28.435,
144.440

■ 4, 28.435, 144.440

■ 34, 28.435,
144.440

■ 0, 28.435, 144.440

■ 44, 28.435,
144.440

■ 54, 28.435,
144.440


■ 64, 28.435,
144.440


■ 74, 28.435,
144.440


■ 84, 28.435,


144.440


 94, 28.435,
144.440


 14, 28.435,
144.440


 14, 28.435,
144.440


 14, 28.879,
144.528

 14, 26.214,
144.113

 14, 23.860,
144.282

 15, 21.273,
144.980

 15, 18.381,
145.958

 15, 15.338,
146.865

■ 16, 12.197,
147.673

■ 16, 8.997, 148.392

■ 16, 5.775, 149.033

■ 17, 2.559, 149.618

Harmonies

Complementary

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



14, 28.435, 144.440



6, 27.919, 335.016

Rectangle

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



14, 28.435, 144.440



14, 28.435, 194.440



14, 28.435, 324.440



14, 28.435, 14.440

Sweetspot

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



14, 28.435, 144.440



22, 11.726, 148.199



16, 24.682, 114.791



9, 7.748, 148.789



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, 28.435, 144.440



19, 36.097, 141.336



14, 18.899, 165.642



6, 1.405, 149.804



30, 48.988, 139.678



74, 98.974, 138.097

Inverse Universe

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



6, 27.919, 335.016



9, 34.828, 335.735



5, 21.576, 5.206



6, 1.395, 330.161



17, 45.194, 336.376



48, 86.899, 337.306

Previews

White Background



This preview shows how the CIELCh color 14, 28.435, 144.440 looks on a white background.

Color Contrast Check

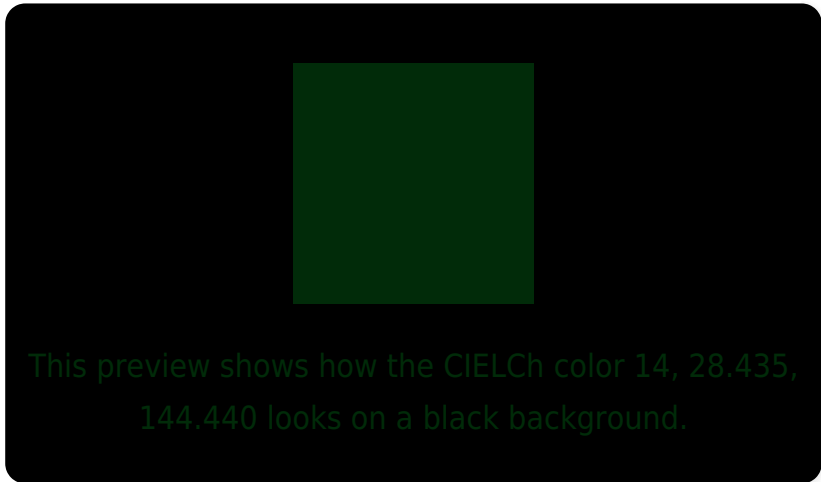
Large Text (above 18pt) WCAG AA ✓ Pass

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

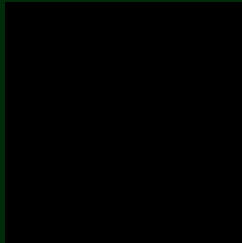
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 28.435, 144.440

Background



This preview shows how black text looks on a background with the CIELCh color 14, 28.435, 144.440.



This preview shows how white text looks on a background with the CIELCh color 14, 28.435, 144.440.

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, 28.435, 144.440

Protanopia

14, 18.475, 98.562

Deuteranopia

14, 16.408, 83.480



Tritanopia
15, 9.007, 211.363

Trichromacy



Original Color
14, 28.435, 144.440

Protanomaly
14, 20.538, 125.718

Deuteranomaly
14, 17.907, 120.121

Tritanomaly
14, 14.814, 164.339

Monochromacy



Original Color
14, 28.435, 144.440

Achromatopsia
9, 0.003, 296.813

Achromatomaly
11, 11.555, 148.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 28.435, 144.440 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, 43, 9)` looks like.

```
.text, #text, p{  
    color:rgb(1, 43, 9)  
}
```

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, 43, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 43, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 28.435, 144.440 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, 43, 9) }
```

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

```
.border{ border-color:rgb(1, 43, 9) }
```

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

Here you see how a box with a 4 pixel rgb(1, 43, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 43, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 43, 9); box-shadow:4px  
4px 4px 4px rgb(1, 43, 9) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 28.435, 144.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 43, 9) }
```

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

```
.background{ background-color: rgb(1, 43,  
9) }
```

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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