

Converting Colors

CIELCh(14, 17.045, 154.974)

Have a look what the booklet for
CIELCh(14, 17.045, 154.974)
contains.

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Color

CIELCh(14, 17.268, 154.928)

Conversions

Conversions Part 1

Format	Color
Hex	0C2919
RGB	12, 41, 25
RGB Percent	5%, 16%, 10%
CMY	0.9532, 0.8394, 0.9022
CMYK	0.71, 0.00, 0.39, 0.84
HSL	147°, 55%, 10%
HSV	147°, 71%, 16%
XYZ	1.1168, 1.7298, 1.1918
YIQ	30.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

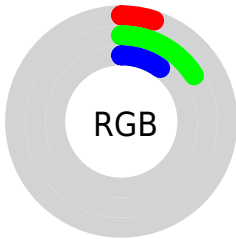
Format	Color
R_{YB}	12, 32, 41
Decimal	796953
CIE Lab	14.00, -15.64, 7.32
CIE LCh	14, 17.268, 154.928
Yxy	1.7298, 0.2765, 0.4283
Android (android.graphics.Color)	4278987033 (0xFF0C2919)
YUV	30.5050, -2.7140, -16.2289
Hunter-Lab	13.1521, -7.8595, 3.8336

Details

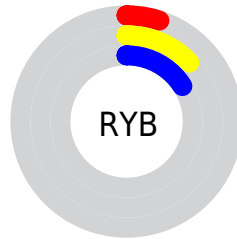
The CIELCh color **14, 17.268, 154.928** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7, 17.835, 346.871**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 17.475, 154.395**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 19.362, 153.738**, and if you desaturate by 10%, it is **14, 15.059, 156.065**.

Distribution



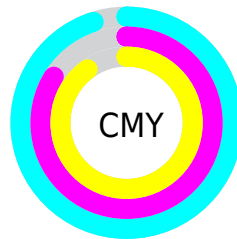
- Red (5%)
- Green (16%)
- Blue (10%)



- Red (5%)
- Yellow (13%)
- Blue (16%)



- Cyan (71%)
- Magenta (0%)
- Yellow (39%)
- Black (84%)



- Cyan (95%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 17.268, 154.928 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, 17.268, 154.928 by changing the saturation by 10% instead.

■ 14, 17.268,
154.928

■ 14, 17.268,
154.928

■ 100, 17.268,
154.928

■ 4, 17.268, 154.928

■ 34, 17.268,
154.928

■ 0, 17.268, 154.928

■ 44, 17.268,
154.928

■ 54, 17.268,
154.928


■ 64, 17.268,
154.928


■ 74, 17.268,
154.928


■ 84, 17.268,


154.928


 94, 17.268,
154.928


 14, 17.268,
154.928


 14, 17.268,
154.928


 14, 19.362,
153.738


 14, 15.059,
156.065

 14, 21.489,
152.838

 15, 12.728,
157.090

 13, 23.461,
152.393

 15, 10.306,
158.016

 15, 7.819, 158.856

 16, 5.292, 159.622

 16, 2.749, 160.337

■ 17, 0.209, 161.550

■ 17, 2.313, 341.451

■ 18, 4.804, 342.021

Harmonies

Complementary

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



14, 17.268, 154.928



7, 17.835, 346.871

Rectangle

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



14, 17.268, 154.928



14, 17.268, 204.928



14, 17.268, 334.928



14, 17.268, 24.928

Sweetspot

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



14, 17.268, 154.928



21, 6.694, 159.511



15, 19.991, 125.174



9, 4.589, 159.508



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, 17.268, 154.928



19, 24.971, 152.371



14, 11.539, 189.971



6, 1.164, 160.513



31, 40.108, 148.715



75, 81.822, 146.479

Inverse Universe

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



7, 17.835, 346.871



9, 25.462, 349.518



7, 15.874, 17.393



6, 1.149, 341.445



16, 38.791, 354.076



46, 74.451, 357.566

Previews

White Background



This preview shows how the CIELCh color 14, 17.268, 154.928 looks on a white background.

Color Contrast Check

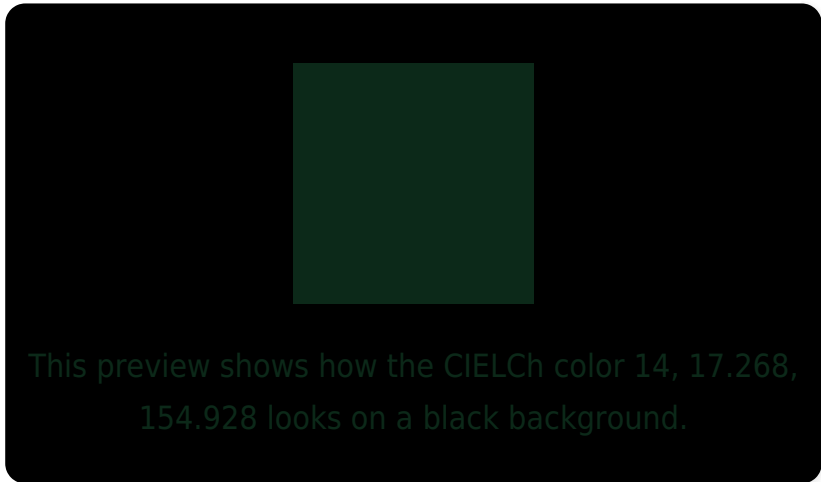
Large Text (above 18pt) WCAG AA ✓ Pass

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

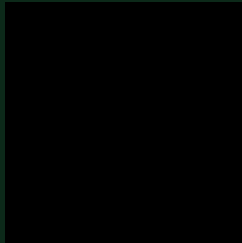
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 17.268, 154.928

Background



This preview shows how black text looks on a background with the CIELCh color 14, 17.268, 154.928.



This preview shows how white text looks on a background with the CIELCh color 14, 17.268, 154.928.

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, 17.268, 154.928

Protanopia
14, 9.295, 97.419

Deuteranopia
14, 7.181, 71.634



Tritanopia
14, 8.694, 211.963

Trichromacy



Original Color
14, 17.268, 154.928

Protanomaly
14, 10.900, 132.580

Deuteranomaly
14, 8.377, 129.611

Tritanomaly
14, 10.647, 181.397

Monochromacy



Original Color
14, 17.268, 154.928

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 6.966, 159.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 17.268, 154.928 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, 41, 25)` looks like.

```
.text, #text, p{  
    color:rgb(12, 41, 25)  
}
```

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, 41, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 41, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 17.268, 154.928 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, 41, 25) }
```

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

```
.border{ border-color:rgb(12, 41, 25) }
```

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

Here you see how a box with a 4 pixel rgb(12, 41, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 41, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 41, 25);  
box-shadow:4px 4px 4px 4px rgb(12, 41, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 17.268, 154.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 41, 25) }
```

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

```
.background{ background-color: rgb(12, 41,  
25) }
```

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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