

Converting Colors

CIELCh(14, 17.368, 98.973)

Have a look what the booklet for
CIELCh(14, 17.368, 98.973) contains.

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Color

CIELCh(14, 17.435, 98.368)

Conversions

Conversions Part 1

Format	Color
Hex	282408
RGB	40, 36, 8
RGB Percent	16%, 14%, 3%
CMY	0.8432, 0.8588, 0.9687
CMYK	0.00, 0.10, 0.80, 0.84
HSL	53°, 67%, 9%
HSV	53°, 80%, 16%
XYZ	1.5492, 1.7298, 0.4816
YIQ	34.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

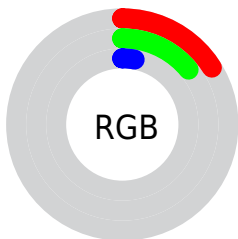
Format	Color
RYB	13, 40, 8
Decimal	2630664
CIELab	14.00, -2.54, 17.25
CIELCh	14, 17.435, 98.368
Yxy	1.7298, 0.4120, 0.4600
Android (android.graphics.Color)	4280820744 (0xFF282408)
YUV	34.0040, -12.8200, 5.2585
Hunter-Lab	13.1521, -1.9904, 7.0354

Details

The CIELCh color **14, 17.435, 98.368** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4, 19.738, 290.660**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 17.570, 97.611**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 18.760, 97.903**, and if you desaturate by 10%, it is **14, 16.066, 98.926**.

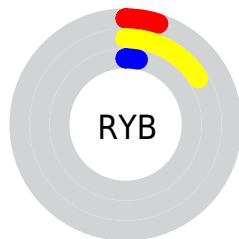
Distribution



Red (16%)

Green (14%)

Blue (3%)



Red (5%)

Yellow (16%)

Blue (3%)

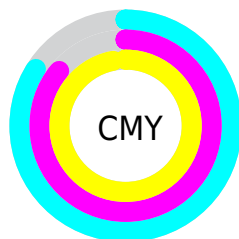


Cyan (0%)

Magenta (10%)

Yellow (80%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 17.435, 98.368 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, 17.435, 98.368 by changing the saturation by 10% instead.

 14, 17.435, 98.368

 14, 17.435, 98.368

 100, 17.435,
98.368

 4, 17.435, 98.368

 34, 17.435, 98.368

 0, 17.435, 98.368

 44, 17.435, 98.368

 54, 17.435, 98.368

 64, 17.435, 98.368

 74, 17.435, 98.368

 84, 17.435, 98.368

 94, 17.435, 98.368

■ 14, 17.435, 98.368

■ 14, 17.435, 98.368

■ 14, 18.760, 97.903

■ 14, 16.066, 98.926

■ 14, 20.081, 97.518

■ 14, 14.358, 99.527

■ 15, 12.242,
100.245

■ 15, 9.833, 101.121

■ 15, 7.387, 101.997

■ 16, 4.927, 102.863

■ 16, 2.463, 103.710

■ 16, 0.003, 92.054

■ 16, 2.448, 285.393

Harmonies

Complementary

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



14, 17.435, 98.368



4, 19.738, 290.660

Rectangle

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



14, 17.435, 98.368



14, 17.435, 148.368



14, 17.435, 278.368



14, 17.435, 328.368

Sweetspot

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



14, 17.435, 98.371



20, 7.257, 102.397



6, 16.783, 13.899



8, 4.481, 103.431



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



14, 17.435, 98.371



18, 25.431, 96.393



14, 20.873, 123.304



6, 1.137, 104.302



31, 39.937, 94.836



75, 77.210, 93.993

Inverse Universe

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



4, 19.738, 290.660



4, 30.002, 294.491



4, 22.152, 304.138



6, 1.152, 284.818



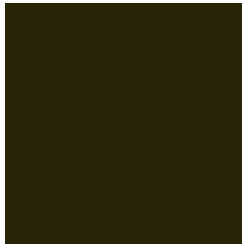
8, 52.638, 302.662



28, 109.568, 304.630

Previews

White Background



This preview shows how the CIELCh color 14, 17.435, 98.368 looks on a white background.

Color Contrast Check

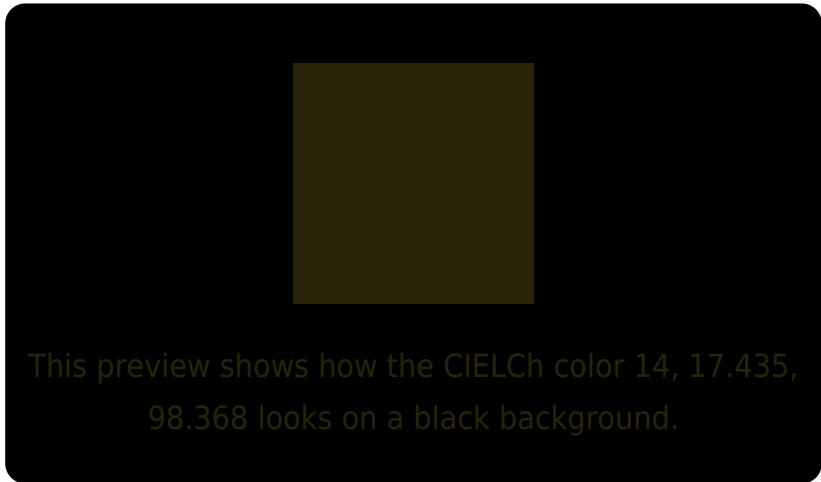
Large Text (above 18pt) WCAG AA ✓ Pass

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

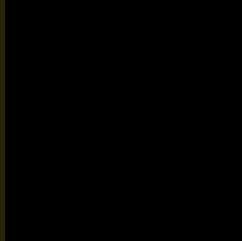
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

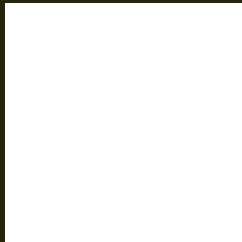
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 17.435, 98.368

Background



This preview shows how black text looks on a background with the CIELCh color 14, 17.435, 98.368.

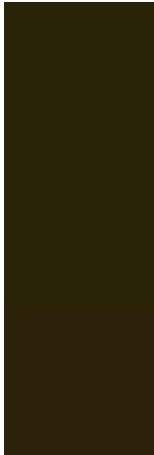


This preview shows how white text looks on a background with the CIELCh color 14, 17.435, 98.368.

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, 17.435, 98.368

Protanopia

14, 17.435, 98.368

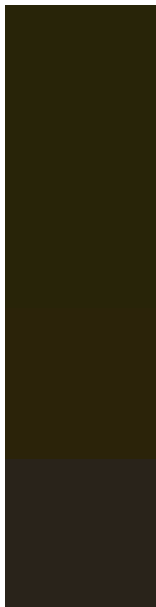
Deuteranopia

14, 16.981, 84.112



Tritanopia
14, 4.235, 0.993

Trichromacy



Original Color
14, 17.435, 98.368

Protanomaly
14, 17.435, 98.368

Deuteranomaly
14, 16.947, 90.250

Tritanomaly
14, 7.168, 81.618

Monochromacy



Original Color
14, 17.435, 98.368

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 7.106, 103.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 17.435, 98.368 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(40, 36, 8)` looks like.

```
.text, #text, p{  
    color:rgb(40, 36, 8)  
}
```

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(40, 36, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 36, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 17.435, 98.368 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(40, 36, 8) }
```

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

```
.border{ border-color:rgb(40, 36, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 36, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 36, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 36, 8); box-shadow:4px  
4px 4px 4px rgb(40, 36, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 17.435, 98.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 36, 8) }
```

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

```
.background{ background-color: rgb(40, 36,  
8) }
```

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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