

Converting Colors

CIELCh(14, 28.994, 313.174)

Have a look what the booklet for
CIELCh(14, 28.994, 313.174)
contains.

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Color

CIELCh(14, 28.535, 312.912)

Conversions

Conversions Part 1

Format	Color
Hex	2F1A41
RGB	47, 26, 65
RGB Percent	18%, 10%, 25%
CMY	0.8154, 0.8978, 0.7448
CMYK	0.28, 0.60, 0.00, 0.74
HSL	272°, 43%, 18%
HSV	272°, 60%, 26%
XYZ	2.5021, 1.7298, 5.2131
YIQ	36.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

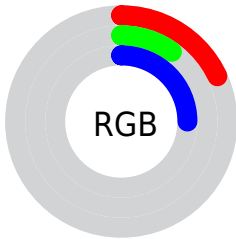
Format	Color
RYB	47, 26, 65
Decimal	3086913
CIELab	14.00, 19.43, -20.90
CIElCh	14, 28.535, 312.912
Yxy	1.7298, 0.2649, 0.1831
Android (android.graphics.Color)	4281276993 (0xFF2F1A41)
YUV	36.7250, 13.9396, 9.0112
Hunter-Lab	13.1521, 10.9422, -14.2943

Details

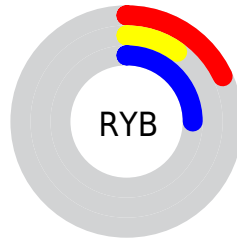
The CIELCh color **14, 28.535, 312.912** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 26.599, 128.005**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 28.495, 312.743**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **12, 33.159, 313.267**, and if you desaturate by 10%, it is **16, 23.730, 312.496**.

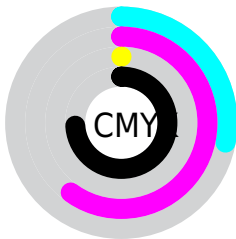
Distribution



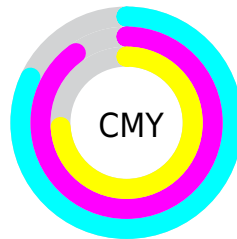
- Red (18%)
- Green (10%)
- Blue (25%)



- Red (18%)
- Yellow (10%)
- Blue (25%)



- Cyan (28%)
- Magenta (60%)
- Yellow (0%)
- Black (74%)



- Cyan (82%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 28.535, 312.912 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, 28.535, 312.912 by changing the saturation by 10% instead.

■ 14, 28.535,
312.912

■ 14, 28.535,
312.912

■ 100, 28.535,
312.912

■ 4, 28.535, 312.912

■ 34, 28.535,
312.912

■ 0, 28.535, 312.912

■ 44, 28.535,
312.912

■ 54, 28.535,
312.912


■ 64, 28.535,
312.912


■ 74, 28.535,
312.912


■ 84, 28.535,


312.912


 94, 28.535,
312.912


 14, 28.535,
312.912

 14, 28.535,
312.912


 12, 33.159,
313.267

 16, 23.730,
312.496

 10, 37.432,
313.511

 18, 18.864,
312.054

 8, 41.337, 313.669

 21, 14.018,
311.610

 7, 45.597, 313.990

 23, 9.238, 311.179

 7, 45.619, 313.991

 25, 4.554, 310.766

 28, 0.020, 133.381

■ 30, 4.476, 130.068

■ 32, 8.812, 129.747

■ 35, 13.030,
129.460

Harmonies

Complementary

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



14, 28.535, 312.912



25, 26.599, 128.005

Rectangle

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



14, 28.535, 312.912



14, 28.535, 2.912



14, 28.535, 132.912



14, 28.535, 182.912

Sweetspot

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



14, 28.534, 312.912



31, 10.311, 311.129



18, 15.411, 269.244



14, 7.241, 311.190



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 28.534, 312.912



16, 42.062, 313.408



17, 29.536, 328.148



11, 2.582, 310.709



13, 60.557, 313.510



37, 112.499, 312.667

Inverse Universe

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



16, 21.582, 351.883



19, 31.009, 354.481



24, 29.761, 140.903



12, 2.010, 346.360



19, 41.679, 2.584



48, 76.650, 6.355

Previews

White Background



This preview shows how the CIE LCh color 14, 28.535, 312.912 looks on a white background.

Color Contrast Check

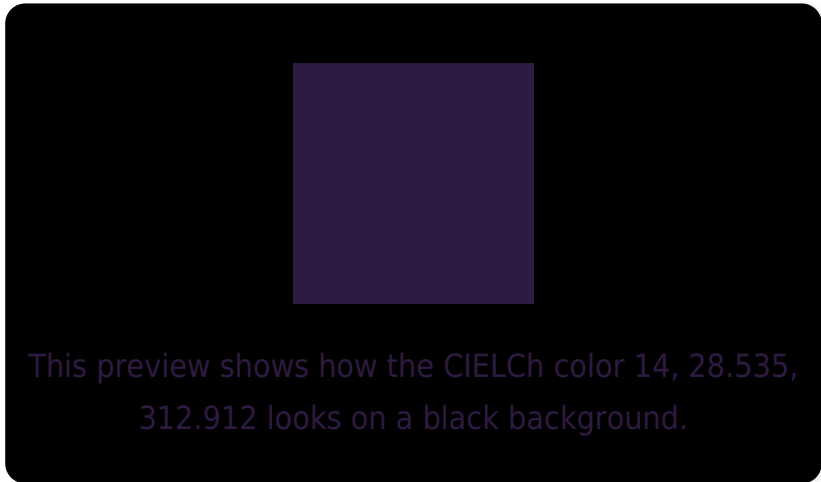
Large Text (above 18pt) WCAG AA ✓ Pass

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

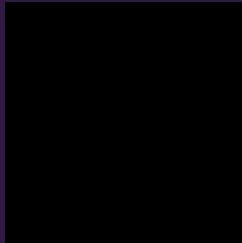
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 28.535, 312.912

Background



This preview shows how black text looks on a background with the CIELCh color 14, 28.535, 312.912.



This preview shows how white text looks on a background with the CIELCh color 14, 28.535, 312.912.

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, 28.535, 312.912

Protanopia

14, 28.189, 281.683

Deuteranopia

14, 19.208, 274.589



Tritanopia
14, 4.497, 352.400

Trichromacy



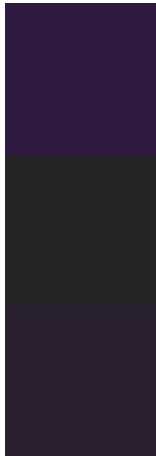
Original Color
14, 28.535, 312.912

Protanomaly
13, 27.904, 289.168

Deuteranomaly
14, 22.094, 290.864

Tritanomaly
14, 12.856, 320.431

Monochromacy



Original Color
14, 28.535, 312.912

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 10.651, 312.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 28.535, 312.912 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(47, 26, 65)` looks like.

```
.text, #text, p{  
    color:rgb(47, 26, 65)  
}
```

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(47, 26, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 26, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 28.535, 312.912 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(47, 26, 65) }
```

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

```
.border{ border-color:rgb(47, 26, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 26, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 26, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 26, 65);  
box-shadow:4px 4px 4px 4px rgb(47, 26, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 28.535, 312.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 26, 65) }
```

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

```
.background{ background-color: rgb(47, 26,  
65) }
```

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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