

Converting Colors

CIELCh(14, 15.919, 311.660)

Have a look what the booklet for
CIELCh(14, 15.919, 311.660)
contains.

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Color

CIELCh(14, 15.751, 311.518)

Conversions

Conversions Part 1

Format	Color
Hex	2A1F34
RGB	42, 31, 52
RGB Percent	16%, 12%, 20%
CMY	0.8348, 0.8780, 0.7956
CMYK	0.19, 0.40, 0.00, 0.80
HSL	271°, 25%, 16%
HSV	271°, 40%, 20%
XYZ	2.0754, 1.7298, 3.4878
YIQ	36.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

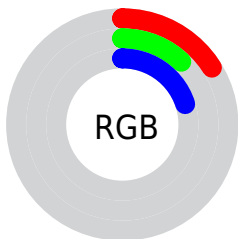
Format	Color
RYB	42, 31, 52
Decimal	2760500
CIELab	14.00, 10.44, -11.79
CIElCh	14, 15.751, 311.518
Yxy	1.7298, 0.2846, 0.2372
Android (android.graphics.Color)	4280950580 (0xFF2A1F34)
YUV	36.6830, 7.5513, 4.6630
Hunter-Lab	13.1521, 5.1506, -6.5167

Details

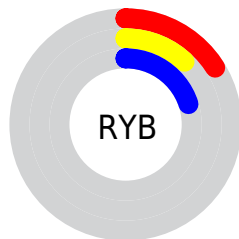
The CIELCh color **14, 15.751, 311.518** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 15.055, 128.332**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 16.017, 311.535**, and **0, 1.210, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **12, 19.791, 311.955**, and if you desaturate by 10%, it is **16, 11.735, 311.084**.

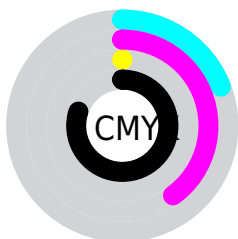
Distribution



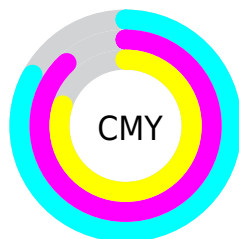
- Red (16%)
- Green (12%)
- Blue (20%)



- Red (16%)
- Yellow (12%)
- Blue (20%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 15.751, 311.518 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, 15.751, 311.518 by changing the saturation by 10% instead.

■ 14, 15.751,
311.518

■ 14, 15.751,
311.518

■ 100, 15.751,
311.518

■ 4, 15.751, 311.518

■ 34, 15.751,
311.518

■ 0, 15.751, 311.518

■ 44, 15.751,
311.518

■ 54, 15.751,
311.518

■ 64, 15.751,
311.518

■ 74, 15.751,
311.518

■ 84, 15.751,

311.518

94, 15.751,
311.518

14, 15.751,
311.518

14, 15.751,
311.518

12, 19.791,
311.955

16, 11.735,
311.084

10, 23.804,
312.375

18, 7.780, 310.664

20, 3.904, 310.264

9, 27.705, 312.749

22, 0.117, 309.491

7, 31.211, 312.896

24, 3.575, 129.587

6, 34.075, 312.590

26, 7.171, 129.274

4, 36.677, 312.136

■ 28, 10.673,
128.994

■ 29, 14.083,
128.743

■ 31, 17.404,
128.519

Harmonies

Complementary

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



14, 15.751, 311.518



20, 15.055, 128.332

Rectangle

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



14, 15.751, 311.518



14, 15.751, 1.518



14, 15.751, 131.518



14, 15.751, 181.518

Sweetspot

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



14, 15.750, 311.518



26, 5.756, 310.356



16, 8.512, 262.754



12, 3.857, 310.360



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, 15.750, 311.518



18, 23.849, 311.968



15, 17.181, 326.730



8, 2.050, 310.178



11, 57.302, 313.280



35, 109.928, 312.336

Inverse Universe

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



15, 12.294, 348.284



19, 18.453, 349.408



19, 17.193, 142.431



8, 1.616, 345.472



17, 39.491, 0.781



47, 74.719, 4.817

Previews

White Background



This preview shows how the CIELCh color 14, 15.751, 311.518 looks on a white background.

Color Contrast Check

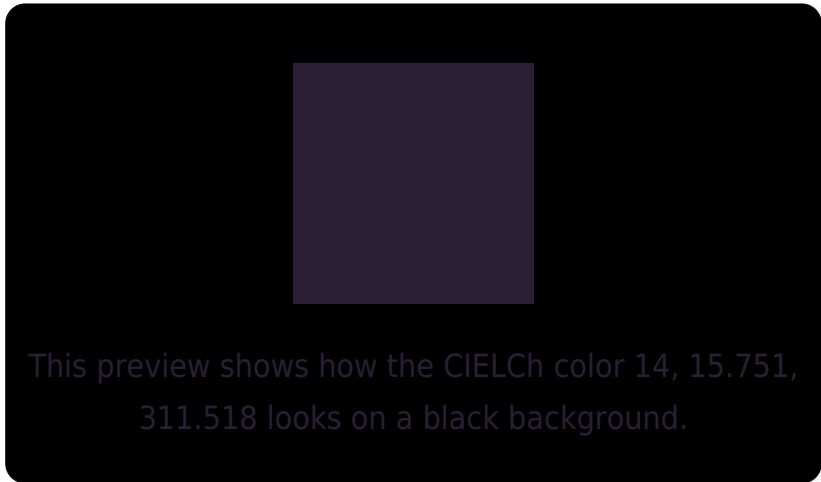
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.751, 311.518

Background



This preview shows how black text looks on a background with the CIELCh color 14, 15.751, 311.518.



This preview shows how white text looks on a background with the CIELCh color 14, 15.751, 311.518.

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, 15.751, 311.518

Protanopia

14, 15.073, 284.182

Deuteranopia

14, 11.514, 283.213



Tritanopia
14, 3.651, 344.615

Trichromacy



Original Color

14, 15.751, 311.518

Protanomaly

14, 14.959, 292.760

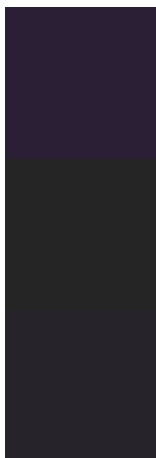
Deuteranomaly

14, 12.135, 293.546

Tritanomaly

14, 7.474, 322.212

Monochromacy



Original Color

14, 15.751, 311.518

Achromatopsia

15, 0.003, 296.813

Achromatomaly

14, 5.346, 312.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 15.751, 311.518 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(42, 31, 52)` looks like.

```
.text, #text, p{  
    color:rgb(42, 31, 52)  
}
```

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(42, 31, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 31, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 15.751, 311.518 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(42, 31, 52) }
```

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

```
.border{ border-color:rgb(42, 31, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 31, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 31, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 31, 52);  
box-shadow:4px 4px 4px 4px rgb(42, 31, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 15.751, 311.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 31, 52) }
```

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

```
.background{ background-color: rgb(42, 31,  
52) }
```

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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