

Converting Colors

CIELCh(14, 15.969, 119.881)

Have a look what the booklet for
CIELCh(14, 15.969, 119.881)
contains.

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Color

CIELCh(14, 15.909, 119.962)

Conversions

Conversions Part 1	
Format	Color
Hex	1F260F
RGB	31, 38, 15
RGB Percent	12%, 15%, 6%
CMY	0.8776, 0.8501, 0.9402
CMYK	0.18, 0.00, 0.60, 0.85
HSL	78°, 43%, 10%
HSV	78°, 60%, 15%
XYZ	1.3593, 1.7298, 0.7240
YIQ	33.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

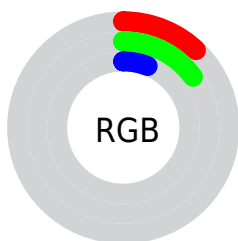
Format	Color
RYB	15, 38, 22
Decimal	2041359
CIELab	14.00, -7.95, 13.78
CIELCh	14, 15.909, 119.962
Yxy	1.7298, 0.3565, 0.4537
Android (android.graphics.Color)	4280231439 (0xFF1F260F)
YUV	33.2850, -9.0145, -2.0039
Hunter-Lab	13.1521, -4.5681, 5.9428

Details

The CIELCh color **14, 15.909, 119.962** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6, 17.170, 303.848**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 15.896, 121.006**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 17.880, 120.424**, and if you desaturate by 10%, it is **14, 13.595, 119.848**.

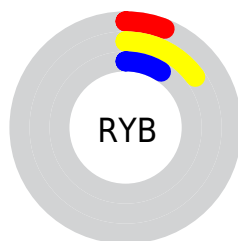
Distribution



Red (12%)

Green (15%)

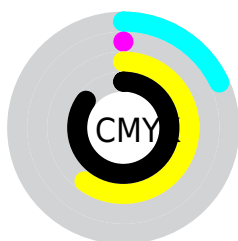
Blue (6%)



Red (6%)

Yellow (15%)

Blue (9%)

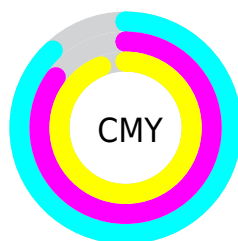


Cyan (18%)

Magenta (0%)

Yellow (60%)

Black (85%)



Cyan (88%)


Magenta (85%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 15.909, 119.962 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, 15.909, 119.962 by changing the saturation by 10% instead.

 14, 15.909,
119.962


 14, 15.909,
119.962


 100, 15.909,
119.962


 4, 15.909, 119.962


 34, 15.909,
119.962

 0, 15.909, 119.962

 44, 15.909,
119.962


 54, 15.909,
119.962


 64, 15.909,
119.962


 74, 15.909,
119.962


 84, 15.909,


119.962


 94, 15.909,
119.962


 14, 15.909,
119.962


 14, 15.909,
119.962

 14, 17.880,
120.424


 14, 13.595,
119.848

 14, 19.587,
121.057

 14, 10.969,
120.216

 14, 21.288,
121.645

 15, 8.263, 120.670

 13, 22.992,
122.181

 15, 5.526, 121.127

 15, 2.774, 121.579

 15, 0.016, 123.041

■ 16, 2.738, 302.426

■ 16, 5.483, 302.831

■ 16, 8.212, 303.214

Harmonies

Complementary

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



14, 15.909, 119.962



6, 17.170, 303.848

Rectangle

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



14, 15.909, 119.962



14, 15.909, 169.962



14, 15.909, 299.962



14, 15.909, 349.962

Sweetspot

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



14, 15.910, 119.964



20, 6.064, 121.171



9, 10.262, 46.029



9, 4.143, 122.260



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

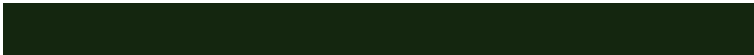
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14, 15.910, 119.964



18, 23.077, 119.042



13, 18.260, 136.958



5, 1.051, 122.342



31, 44.423, 118.928



77, 88.227, 120.272

Inverse Universe

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



6, 17.170, 303.848



6, 26.179, 306.058



7, 18.810, 320.760



5, 1.052, 301.685



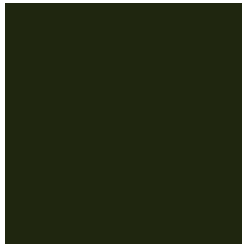
7, 56.038, 309.184



29, 111.809, 308.325

Previews

White Background



This preview shows how the CIELCh color 14, 15.909, 119.962 looks on a white background.

Color Contrast Check

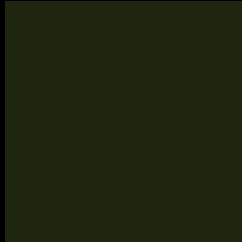
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 14, 15.909, 119.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

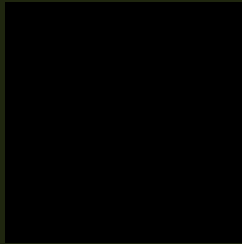
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

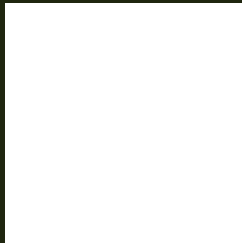
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 15.909, 119.962

Background



This preview shows how black text looks on a background with the CIELCh color 14, 15.909, 119.962.

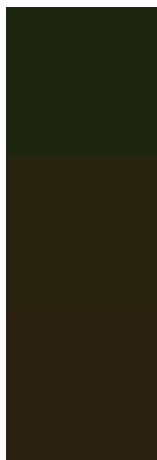


This preview shows how white text looks on a background with the CIELCh color 14, 15.909, 119.962.

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, 15.909, 119.962

Protanopia

14, 14.339, 97.262

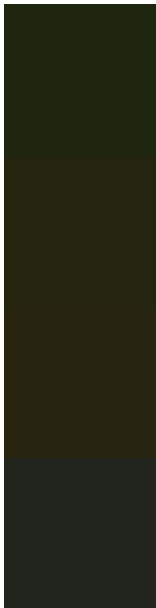
Deuteranopia

14, 13.150, 81.260



Tritanopia
14, 2.317, 266.807

Trichromacy



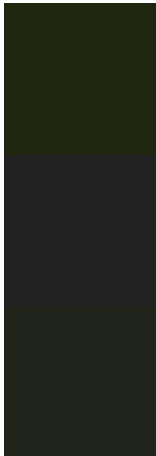
Original Color
14, 15.909, 119.962

Protanomaly
14, 14.775, 106.194

Deuteranomaly
14, 13.715, 99.364

Tritanomaly
14, 5.365, 130.898

Monochromacy



Original Color
14, 15.909, 119.962

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 6.568, 122.000

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 14, 15.909, 119.962 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(31, 38, 15)` looks like.

```
.text, #text, p{  
    color:rgb(31, 38, 15)  
}
```

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(31, 38, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 38, 15) }
```

Border

The CSS property to change the border of an element to CIElCh 14, 15.909, 119.962 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(31, 38, 15) }
```

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

```
.border{ border-color:rgb(31, 38, 15) }
```

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

Here you see how a box with a 4 pixel rgb(31, 38, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 38, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 38, 15);  
box-shadow:4px 4px 4px 4px rgb(31, 38, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 15.909, 119.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 38, 15) }
```

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

```
.background{ background-color: rgb(31, 38,  
15) }
```

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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