

Converting Colors

CIELCh(14, 12.281, 127.432)

Have a look what the booklet for
CIELCh(14, 12.281, 127.432)
contains.

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Color

CIELCh(14, 11.962, 127.538)

Conversions

Conversions Part 1

Format	Color
Hex	1E2616
RGB	30, 38, 22
RGB Percent	12%, 15%, 9%
CMY	0.8819, 0.8505, 0.9133
CMYK	0.21, 0.00, 0.42, 0.85
HSL	90°, 27%, 12%
HSV	90°, 42%, 15%
XYZ	1.3815, 1.7298, 1.0257
YIQ	33.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

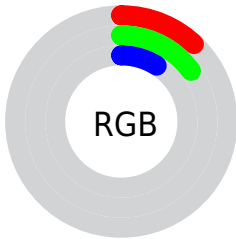
Format	Color
R_{YB}	22, 38, 30
Decimal	1975830
CIE Lab	14.00, -7.29, 9.49
CIE LCh	14, 11.962, 127.538
Yxy	1.7298, 0.3339, 0.4181
Android (android.graphics.Color)	4280165910 (0xFF1E2616)
YUV	33.7840, -5.8095, -3.3186
Hunter-Lab	13.1521, -4.2668, 4.5827

Details

The CIELCh color **14, 11.962, 127.538** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **9, 12.528, 310.675**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 11.920, 128.172**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 14.675, 127.354**, and if you desaturate by 10%, it is **14, 9.138, 127.920**.

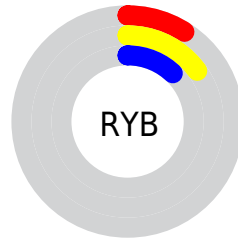
Distribution



Red (12%)

Green (15%)

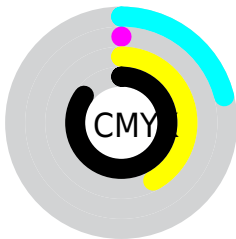
Blue (9%)



Red (9%)

Yellow (15%)

Blue (12%)

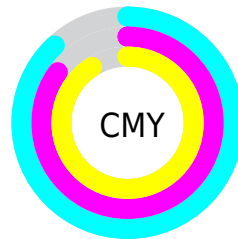


Cyan (21%)

Magenta (0%)

Yellow (42%)

Black (85%)



Cyan (88%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 11.962, 127.538 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, 11.962, 127.538 by changing the saturation by 10% instead.

■ 14, 11.962,
127.538

■ 14, 11.962,
127.538

■ 100, 11.962,
127.538

■ 4, 11.962, 127.538

■ 34, 11.962,
127.538

■ 0, 11.962, 127.538

■ 44, 11.962,
127.538


■ 54, 11.962,
127.538


■ 64, 11.962,
127.538


■ 74, 11.962,
127.538


■ 84, 11.962,

127.538


 94, 11.962,
127.538

 14, 11.962,
127.538

 14, 11.962,
127.538


 14, 14.675,
127.354

 14, 9.138, 127.920


 14, 17.071,
127.739

 15, 6.286, 128.298

 15, 3.425, 128.666


 13, 19.147,
128.470

 15, 0.566, 129.068

 13, 21.025,
129.304

 15, 2.280, 309.309

 16, 5.105, 309.621

 13, 22.919,
130.008

 16, 7.904, 309.905

■ 13, 24.447,
130.493

■ 17, 10.672,
310.165

■ 17, 13.407,
310.403

Harmonies

Complementary

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



14, 11.962, 127.538



9, 12.528, 310.675

Rectangle

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



14, 11.962, 127.538



14, 11.962, 177.538



14, 11.962, 307.538



14, 11.962, 357.538

Sweetspot

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



14, 11.963, 127.540



20, 4.552, 128.601



12, 7.277, 69.609



9, 3.195, 129.109



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, 11.963, 127.540



18, 17.361, 127.131



13, 13.829, 141.717



5, 1.091, 129.435



31, 47.053, 126.623



75, 94.051, 128.179

Inverse Universe

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



9, 12.528, 310.675



11, 18.432, 311.145



10, 13.835, 325.727



5, 1.089, 308.697



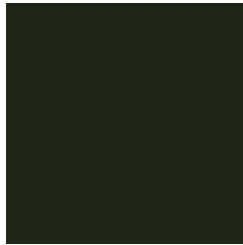
10, 54.070, 312.868



33, 107.536, 311.803

Previews

White Background



This preview shows how the CIELCh color 14, 11.962, 127.538 looks on a white background.

Color Contrast Check

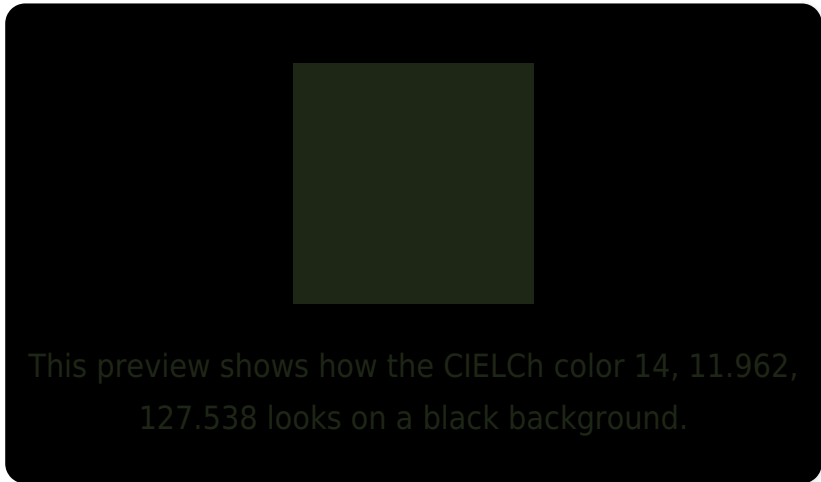
Large Text (above 18pt) WCAG AA ✓ Pass

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

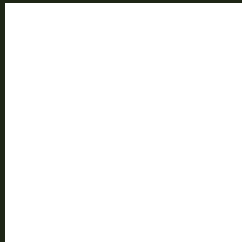
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 11.962, 127.538

Background



This preview shows how black text looks on a background with the CIELCh color 14, 11.962, 127.538.

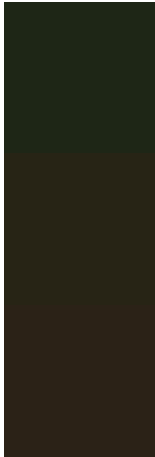


This preview shows how white text looks on a background with the CIELCh color 14, 11.962, 127.538.

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, 11.962, 127.538

Protanopia

14, 10.657, 98.210

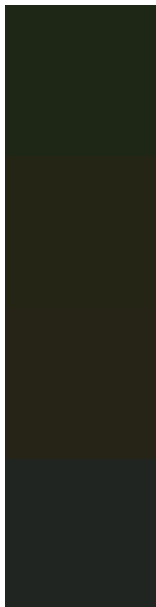
Deuteranopia

14, 9.315, 75.760



Tritanopia
14, 2.531, 257.070

Trichromacy



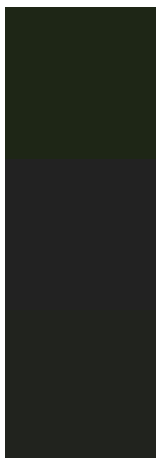
Original Color
14, 11.962, 127.538

Protanomaly
14, 11.182, 109.733

Deuteranomaly
14, 8.644, 96.808

Tritanomaly
14, 3.781, 149.870

Monochromacy



Original Color
14, 11.962, 127.538

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 3.712, 124.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 11.962, 127.538 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(30, 38, 22)` looks like.

```
.text, #text, p{  
    color:rgb(30, 38, 22)  
}
```

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(30, 38, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 38, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 11.962, 127.538 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(30, 38, 22) }
```

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

```
.border{ border-color:rgb(30, 38, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 38, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 38, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 38, 22);  
box-shadow:4px 4px 4px 4px rgb(30, 38, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 11.962, 127.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 38, 22) }
```

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

```
.background{ background-color: rgb(30, 38,  
22) }
```

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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