

Converting Colors

CIELCh(12, 14.791, 143.112)

Have a look what the booklet for
CIELCh(12, 14.791, 143.112)
contains.

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Color

CIELCh(12, 14.270, 143.575)

Conversions

Conversions Part 1

Format	Color
Hex	122313
RGB	18, 35, 19
RGB Percent	7%, 14%, 7%
CMY	0.9280, 0.8612, 0.9239
CMYK	0.48, 0.00, 0.45, 0.86
HSL	124°, 32%, 11%
HSV	124°, 48%, 14%
XYZ	0.9903, 1.4064, 0.8541
YIQ	28.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

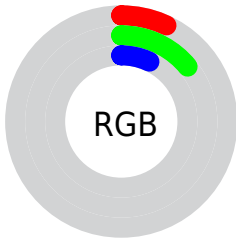
Format	Color
R_YB	18, 34, 35
Decimal	1188627
CIE Lab	12.00, -11.48, 8.47
CIE LCh	12, 14.270, 143.575
Yxy	1.4064, 0.3046, 0.4326
Android (android.graphics.Color)	4279378707 (0xFF122313)
YUV	28.0930, -4.4828, -8.8516
Hunter-Lab	11.8591, -5.8469, 4.0312

Details

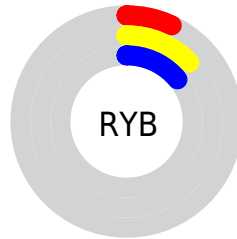
The CIELCh color **12, 14.270, 143.575** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8, 14.294, 328.206**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **32, 14.696, 143.045**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **12, 16.926, 143.593**, and if you desaturate by 10%, it is **12, 11.377, 144.083**.

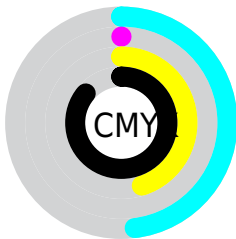
Distribution



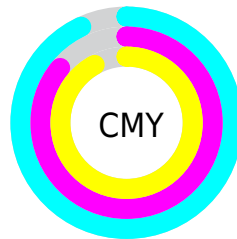
- Red (7%)
- Green (14%)
- Blue (7%)



- Red (7%)
- Yellow (13%)
- Blue (14%)



- Cyan (48%)
- Magenta (0%)
- Yellow (45%)
- Black (86%)



- Cyan (93%)
- Magenta (86%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 12, 14.270, 143.575 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 12, 14.270, 143.575 by changing the saturation by 10% instead.

■ 12, 14.270,
143.575

■ 12, 14.270,
143.575

■ 100, 14.270,
143.575

■ 2, 14.270, 143.575

■ 32, 14.270,
143.575

■ 0, 14.270, 143.575

■ 42, 14.270,
143.575


■ 52, 14.270,
143.575


■ 62, 14.270,
143.575


■ 72, 14.270,
143.575


■ 82, 14.270,


143.575


 92, 14.270,
143.575

 12, 14.270,
143.575


 12, 14.270,
143.575

 12, 16.926,
143.593


 12, 11.377,
144.083

 11, 19.307,
143.847


 13, 8.396, 144.722

 11, 21.348,
144.119

 13, 5.397, 145.293

 11, 23.286,
144.429

 14, 2.407, 145.812

 11, 25.209,
144.683

 15, 3.475, 326.585

■ 11, 25.569,
144.725

■ 15, 6.339, 326.941

■ 16, 9.141, 327.251

■ 16, 11.876,
327.524

Harmonies

Complementary

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



12, 14.270, 143.575



8, 14.294, 328.206

Rectangle

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



12, 14.270, 143.575



12, 14.270, 193.575



12, 14.270, 323.575



12, 14.270, 13.575

Sweetspot

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



12, 14.270, 143.575



18, 5.195, 145.460



13, 11.844, 109.050



7, 3.127, 146.030



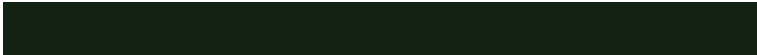
62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



12, 14.270, 143.575



16, 21.268, 142.247



12, 9.842, 162.787



5, 1.202, 146.108



29, 50.797, 137.267



73, 102.045, 136.451

Inverse Universe

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



8, 14.294, 328.206



11, 21.163, 328.775



8, 10.421, 350.236



5, 1.201, 326.171



17, 48.326, 330.619



49, 94.770, 330.870

Previews

White Background



This preview shows how the CIELCh color 12, 14.270, 143.575 looks on a white background.

Color Contrast Check

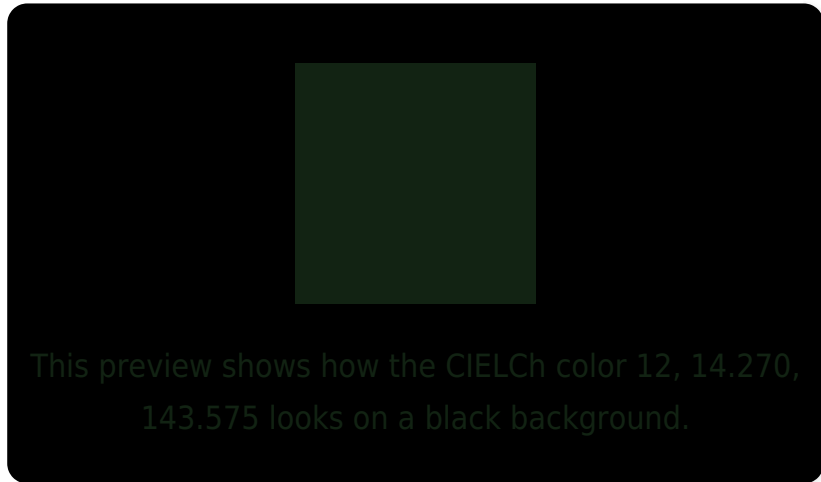
Large Text (above 18pt) WCAG AA ✓ Pass

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

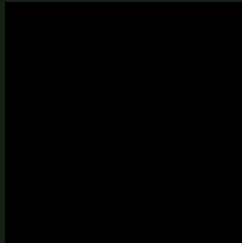
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 12, 14.270, 143.575

Background



This preview shows how black text looks on a background with the CIELCh color 12, 14.270, 143.575.

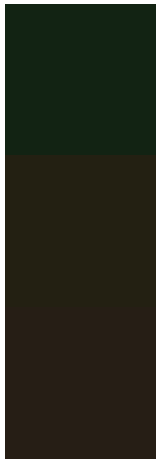


This preview shows how white text looks on a background with the CIELCh color 12, 14.270, 143.575.

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


12, 14.270, 143.575

Protanopia

12, 9.943, 97.667

Deuteranopia

12, 7.918, 74.033



Tritanopia
12, 5.297, 222.761

Trichromacy



Original Color
12, 14.270, 143.575

Protanomaly
12, 10.110, 119.675

Deuteranomaly
12, 8.556, 111.249

Tritanomaly
12, 6.853, 172.596

Monochromacy



Original Color
12, 14.270, 143.575

Achromatopsia
10, 0.003, 296.813

Achromatomaly
11, 5.672, 147.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 12, 14.270, 143.575 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(18, 35, 19)` looks like.

```
.text, #text, p{  
    color:rgb(18, 35, 19)  
}
```

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(18, 35, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 35, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 12, 14.270, 143.575 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(18, 35, 19) }
```

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

```
.border{ border-color:rgb(18, 35, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 35, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 35, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 35, 19);  
box-shadow:4px 4px 4px 4px rgb(18, 35, 19)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 12, 14.270, 143.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 35, 19) }
```

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

```
.background{ background-color: rgb(18, 35,  
19) }
```

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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