

Converting Colors

CIELCh(14, 11.333, 131.827)

Have a look what the booklet for
CIELCh(14, 11.333, 131.827)
contains.

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Color

CIELCh(14, 10.900, 132.580)

Conversions

Conversions Part 1

Format	Color
Hex	1D2618
RGB	29, 38, 24
RGB Percent	11%, 15%, 9%
CMY	0.8855, 0.8502, 0.9051
CMYK	0.24, 0.00, 0.37, 0.85
HSL	99°, 22%, 12%
HSV	99°, 37%, 15%
XYZ	1.3785, 1.7298, 1.1357
YIQ	33.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

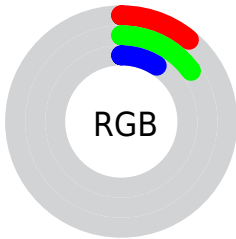
Format	Color
R_{YB}	24, 38, 33
Decimal	1910296
CIE Lab	14.00, -7.38, 8.03
CIE LCh	14, 10.900, 132.580
Yxy	1.7298, 0.3248, 0.4076
Android (android.graphics.Color)	4280100376 (0xFF1D2618)
YUV	33.7130, -4.7885, -4.1333
Hunter-Lab	13.1521, -4.3068, 4.0868

Details

The CIELCh color **14, 10.900, 132.580** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10, 11.193, 315.127**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 10.945, 132.550**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 13.831, 132.188**, and if you desaturate by 10%, it is **14, 7.933, 132.973**.

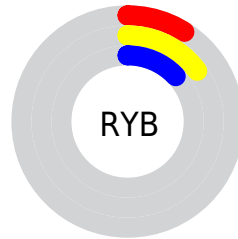
Distribution



Red (11%)

Green (15%)

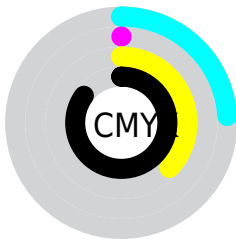
Blue (9%)



Red (9%)

Yellow (15%)

Blue (13%)

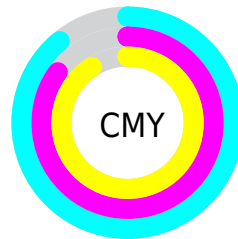


Cyan (24%)

Magenta (0%)

Yellow (37%)

Black (85%)



Cyan (89%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 10.900, 132.580 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, 10.900, 132.580 by changing the saturation by 10% instead.

■ 14, 10.900,
132.580

■ 14, 10.900,
132.580

■ 100, 10.900,
132.580

■ 4, 10.900, 132.580

■ 34, 10.900,
132.580

■ 0, 10.900, 132.580

■ 44, 10.900,
132.580


■ 54, 10.900,
132.580


■ 64, 10.900,
132.580


■ 74, 10.900,
132.580


■ 84, 10.900,

132.580


 94, 10.900,
132.580

 14, 10.900,
132.580


 14, 10.900,
132.580

 14, 13.831,
132.188


 14, 7.933, 132.973


 13, 16.538,
132.287


 15, 4.952, 133.346

 13, 18.928,
132.861

 15, 1.976, 133.707

 13, 21.018,
133.682

 16, 3.915, 314.273

 13, 23.038,
134.398

 16, 6.812, 314.541

 17, 9.670, 314.780

■ 13, 25.064,
134.940

■ 17, 12.483,
314.994

■ 13, 25.737,
135.086

■ 18, 15.249,
315.186

Harmonies

Complementary

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



14, 10.900, 132.580



10, 11.193, 315.127

Rectangle

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



14, 10.900, 132.580



14, 10.900, 182.580



14, 10.900, 312.580



14, 10.900, 2.580

Sweetspot

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



14, 10.901, 132.581



20, 3.991, 133.527



13, 6.939, 84.647



9, 2.709, 133.765



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, 10.901, 132.581



18, 15.956, 132.179



14, 11.108, 146.233



5, 1.129, 134.218



30, 49.028, 130.713



74, 98.108, 132.107

Inverse Universe

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



10, 11.193, 315.127



12, 16.507, 315.474



11, 11.130, 330.018



5, 1.126, 313.568



12, 52.625, 316.496



37, 104.312, 315.535

Previews

White Background



This preview shows how the CIELCh color 14, 10.900, 132.580 looks on a white background.

Color Contrast Check

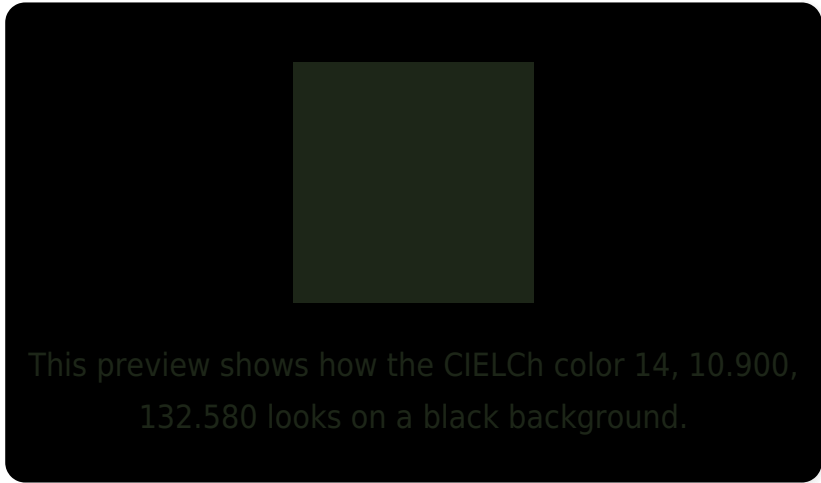
Large Text (above 18pt) WCAG AA ✓ Pass

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

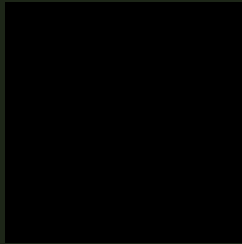
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 10.900, 132.580

Background



This preview shows how black text looks on a background with the CIELCh color 14, 10.900, 132.580.

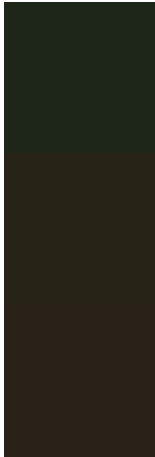


This preview shows how white text looks on a background with the CIELCh color 14, 10.900, 132.580.

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

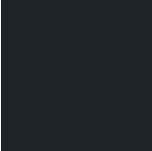
14, 10.900, 132.580

Protanopia

14, 9.295, 97.419

Deuteranopia

14, 7.778, 74.395



Tritanopia
14, 2.801, 249.102

Trichromacy



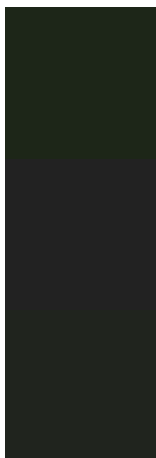
Original Color
14, 10.900, 132.580

Protanomaly
14, 9.868, 113.567

Deuteranomaly
14, 7.776, 103.984

Tritanomaly
14, 3.637, 162.622

Monochromacy



Original Color
14, 10.900, 132.580

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 4.735, 134.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 10.900, 132.580 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(29, 38, 24)` looks like.

```
.text, #text, p{  
    color:rgb(29, 38, 24)  
}
```

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(29, 38, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 38, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 10.900, 132.580 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(29, 38, 24) }
```

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

```
.border{ border-color:rgb(29, 38, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 38, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 38, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 38, 24);  
box-shadow:4px 4px 4px 4px rgb(29, 38, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 10.900, 132.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 38, 24) }
```

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

```
.background{ background-color: rgb(29, 38,  
24) }
```

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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