

Converting Colors

CIELCh(14, 18.057, 124.806)

Have a look what the booklet for
CIELCh(14, 18.057, 124.806)
contains.

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Color

CIELCh(14, 18.122, 124.922)

Conversions

Conversions Part 1

Format	Color
Hex	1C270D
RGB	28, 39, 13
RGB Percent	11%, 15%, 5%
CMY	0.8901, 0.8469, 0.9488
CMYK	0.28, 0.00, 0.67, 0.85
HSL	85°, 50%, 10%
HSV	85°, 67%, 15%
XYZ	1.2793, 1.7298, 0.6487
YIQ	32.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

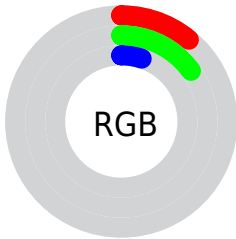
Format	Color
R _Y B	13, 39, 24
Decimal	1845005
CIE Lab	14.00, -10.37, 14.86
CIE LCh	14, 18.122, 124.922
Yxy	1.7298, 0.3497, 0.4729
Android (android.graphics.Color)	4280035085 (0xFF1C270D)
YUV	32.7470, -9.7353, -4.1631
Hunter-Lab	13.1521, -5.6536, 6.2820

Details

The CIELCh color **14, 18.122, 124.922** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6, 19.378, 307.661**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 18.144, 125.039**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 20.049, 125.654**, and if you desaturate by 10%, it is **14, 15.867, 124.483**.

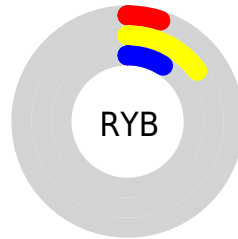
Distribution



Red (11%)

Green (15%)

Blue (5%)



Red (5%)

Yellow (15%)

Blue (9%)

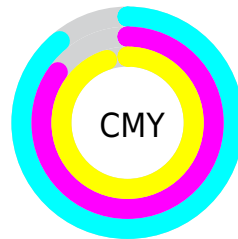


Cyan (28%)

Magenta (0%)

Yellow (67%)

Black (85%)



Cyan (89%)


Magenta (85%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 18.122, 124.922 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, 18.122, 124.922 by changing the saturation by 10% instead.

 14, 18.122,
124.922

 14, 18.122,
124.922

 100, 18.122,
124.922

 4, 18.122, 124.922


 34, 18.122,
124.922

 0, 18.122, 124.922

 44, 18.122,
124.922


 54, 18.122,
124.922


 64, 18.122,
124.922


 74, 18.122,
124.922


 84, 18.122,


124.922


 94, 18.122,
124.922


 14, 18.122,
124.922


 14, 18.122,
124.922


 14, 20.049,
125.654


 14, 15.867,
124.483

 14, 21.891,
126.376

 14, 13.259,
124.543

 13, 23.751,
127.007

 15, 10.458,
124.936

 13, 24.392,
127.205

 15, 7.616, 125.336

 15, 4.753, 125.732

 15, 1.884, 126.124

■ 16, 0.982, 306.442

■ 16, 3.834, 306.811

■ 16, 6.668, 307.139

Harmonies

Complementary

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



14, 18.122, 124.922



6, 19.378, 307.661

Rectangle

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



14, 18.122, 124.922



14, 18.122, 174.922



14, 18.122, 304.922



14, 18.122, 354.922

Sweetspot

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



14, 18.123, 124.923



21, 7.192, 125.545



10, 11.187, 57.343



9, 4.600, 127.029



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, 18.123, 124.923



19, 26.887, 123.915



13, 21.022, 139.798



6, 1.363, 126.738



32, 46.974, 123.954



77, 92.544, 125.432

Inverse Universe

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



6, 19.378, 307.661



6, 30.245, 309.713



7, 21.460, 324.561



6, 1.362, 305.960



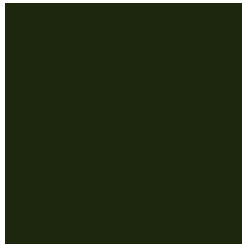
9, 56.089, 311.200



32, 110.315, 310.200

Previews

White Background



This preview shows how the CIELCh color 14, 18.122, 124.922 looks on a white background.

Color Contrast Check

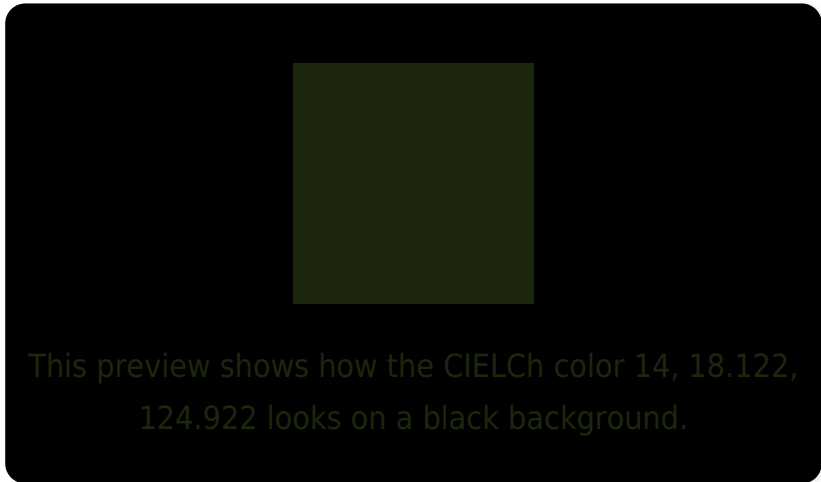
Large Text (above 18pt) WCAG AA ✓ Pass

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

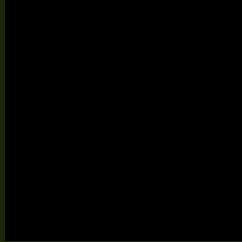
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 18.122, 124.922

Background



This preview shows how black text looks on a background with the CIELCh color 14, 18.122, 124.922.

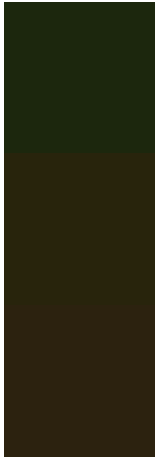


This preview shows how white text looks on a background with the CIELCh color 14, 18.122, 124.922.

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, 18.122, 124.922

Protanopia

14, 15.789, 97.826

Deuteranopia

14, 14.174, 82.846



Tritanopia
14, 3.110, 242.685

Trichromacy



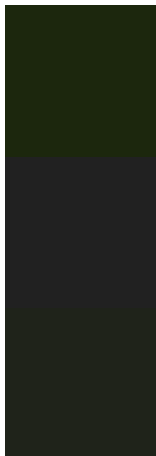
Original Color
14, 18.122, 124.922

Protanomaly
14, 16.244, 108.008

Deuteranomaly
14, 14.696, 101.872

Tritanomaly
14, 6.106, 143.556

Monochromacy



Original Color
14, 18.122, 124.922

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 6.744, 126.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 18.122, 124.922 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(28, 39, 13)` looks like.

```
.text, #text, p{  
    color:rgb(28, 39, 13)  
}
```

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(28, 39, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 39, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 18.122, 124.922 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(28, 39, 13) }
```

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

```
.border{ border-color:rgb(28, 39, 13) }
```

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

Here you see how a box with a 4 pixel rgb(28, 39, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 39, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 39, 13);  
box-shadow:4px 4px 4px 4px rgb(28, 39, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 18.122, 124.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 39, 13) }
```

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

```
.background{ background-color: rgb(28, 39,  
13) }
```

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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