

Converting Colors

CIELCh(14, 18.979, 134.536)

Have a look what the booklet for
CIELCh(14, 18.979, 134.536)
contains.

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Color

CIELCh(14, 19.251, 134.491)

Conversions

Conversions Part 1

Format	Color
Hex	16280F
RGB	22, 40, 15
RGB Percent	9%, 16%, 6%
CMY	0.9134, 0.8428, 0.9408
CMYK	0.45, 0.00, 0.62, 0.84
HSL	103°, 45%, 11%
HSV	103°, 62%, 16%
XYZ	1.1813, 1.7298, 0.7274
YIQ	31.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

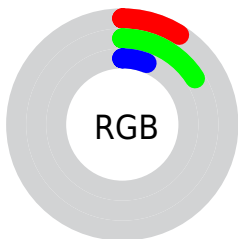
Format	Color
R_{YB}	15, 40, 33
Decimal	1452047
CIE _{Lab}	14.00, -13.49, 13.73
CIE _{LCh}	14, 19.251, 134.491
Yxy	1.7298, 0.3247, 0.4754
Android (android.graphics.Color)	4279642127 (0xFF16280F)
YUV	31.7680, -8.2666, -8.5665
Hunter-Lab	13.1521, -6.9832, 5.9271

Details


The CIELCh color **14, 19.251, 134.491** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7, 20.057, 318.379**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 18.816, 134.464**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 21.679, 135.051**, and if you desaturate by 10%, it is **14, 16.471, 134.339**.

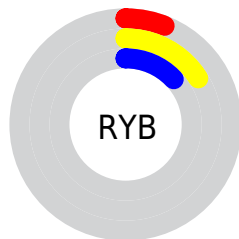
Distribution



 Red (9%)

 Green (16%)

 Blue (6%)




 Red (6%)

 Yellow (16%)

 Blue (13%)

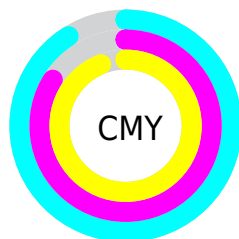



 Cyan (45%)


 Magenta (0%)

 Yellow (62%)

 Black (84%)



 Cyan (91%)

 Magenta (84%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 19.251, 134.491 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, 19.251, 134.491 by changing the saturation by 10% instead.

■ 14, 19.251,
134.491

■ 14, 19.251,
134.491

■ 100, 19.251,
134.491

■ 4, 19.251, 134.491

■ 34, 19.251,
134.491

■ 0, 19.251, 134.491

■ 44, 19.251,
134.491


■ 54, 19.251,
134.491


■ 64, 19.251,
134.491


■ 74, 19.251,
134.491


■ 84, 19.251,


134.491


 94, 19.251,
134.491


 14, 19.251,
134.491


 14, 19.251,
134.491


 14, 21.679,
135.051


 14, 16.471,
134.339

 14, 23.846,
135.725

 15, 13.396,
134.739

 13, 25.993,
136.195

 15, 10.247,
135.180

 13, 27.628,
136.428

 15, 7.072, 135.596

 16, 3.893, 135.984

 16, 0.728, 136.401

■ 16, 2.408, 316.604

■ 17, 5.505, 316.900

■ 17, 8.556, 317.156

Harmonies

Complementary

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



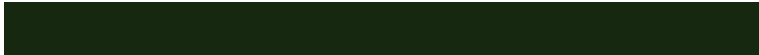
14, 19.251, 134.491



7, 20.057, 318.379

Rectangle

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



14, 19.251, 134.491



14, 19.251, 184.491



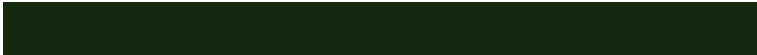
14, 19.251, 314.491



14, 19.251, 4.491

Sweetspot

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



14, 19.251, 134.492



20, 7.378, 135.683



13, 12.828, 88.541



8, 4.781, 136.977



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, 19.251, 134.492



18, 27.929, 133.382



14, 18.203, 146.699



6, 1.464, 136.683



31, 51.086, 132.463



75, 100.846, 133.627

Inverse Universe

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



7, 20.057, 318.379



9, 29.109, 318.804



8, 18.193, 334.478



6, 1.461, 316.097



13, 53.057, 318.744



40, 103.698, 317.951

Previews

White Background



This preview shows how the CIELCh color 14, 19.251, 134.491 looks on a white background.

Color Contrast Check

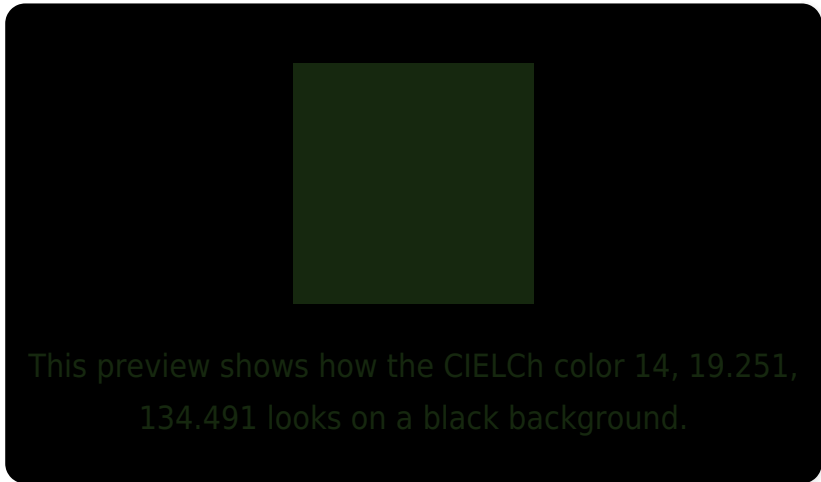
Large Text (above 18pt) WCAG AA ✓ Pass

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

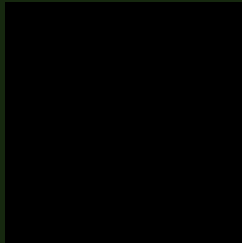
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 19.251, 134.491

Background



This preview shows how black text looks on a background with the CIELCh color 14, 19.251, 134.491.



This preview shows how white text looks on a background with the CIELCh color 14, 19.251, 134.491.

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, 19.251, 134.491

Protanopia

14, 14.847, 97.471

Deuteranopia

14, 13.150, 81.260



Tritanopia
14, 5.247, 222.546

Trichromacy



Original Color

14, 19.251, 134.491

Protanomaly

14, 15.455, 114.408

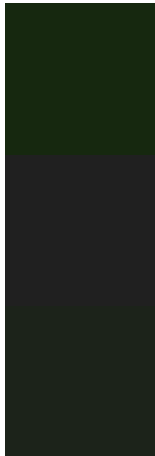
Deuteranomaly

14, 13.595, 106.444

Tritanomaly

14, 8.373, 161.067

Monochromacy



Original Color

14, 19.251, 134.491

Achromatopsia

12, 0.003, 296.813

Achromatomaly

13, 7.383, 137.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 19.251, 134.491 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(22, 40, 15)` looks like.

```
.text, #text, p{  
    color:rgb(22, 40, 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(22, 40, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 40, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 19.251, 134.491 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(22, 40, 15) }
```

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

```
.border{ border-color:rgb(22, 40, 15) }
```

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

Here you see how a box with a 4 pixel rgb(22, 40, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 40, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 40, 15);  
box-shadow:4px 4px 4px 4px rgb(22, 40, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 19.251, 134.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 40, 15) }
```

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

```
.background{ background-color: rgb(22, 40,  
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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