

Converting Colors

CIELCh(14, 76.625, 99.355)

Have a look what the booklet for
CIELCh(14, 76.625, 99.355) contains.

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Color

CIELCh(14, 23.025, 118.193)

Conversions

Conversions Part 1

Format	Color
Hex	1E2700
RGB	30, 39, 0
RGB Percent	12%, 15%, 0%
CMY	0.8822, 0.8469, 0.9998
CMYK	0.23, 0.00, 1.00, 0.85
HSL	74°, 100%, 8%
HSV	74°, 100%, 15%
XYZ	1.2631, 1.7298, 0.2688
YIQ	31.8630, 7.1550, -14.0370

Conversions

Conversions Part 2

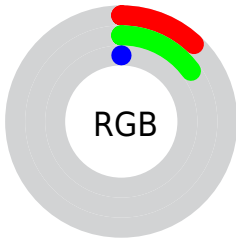
Format	Color
R_{YB}	0, 39, 9
Decimal	1976064
CIE Lab	14.00, -10.88, 20.29
CIE LCh	14, 23.025, 118.193
Yxy	1.7298, 0.3873, 0.5303
Android (android.graphics.Color)	4280166144 (0xFF1E2700)
YUV	31.8630, -15.7085, -1.6339
Hunter-Lab	13.1521, -5.8733, 7.9948

Details

The CIELCh color **14, 23.025, 118.193** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2, 24.380, 298.575**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 23.054, 118.249**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 23.048, 118.200**, and if you desaturate by 10%, it is **14, 21.346, 117.776**.

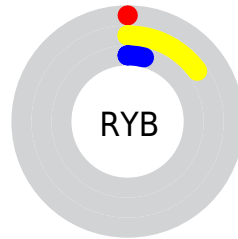
Distribution



Red (12%)

Green (15%)

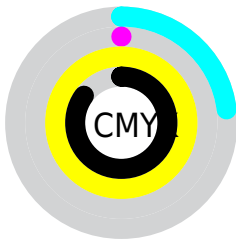
Blue (0%)



Red (0%)

Yellow (15%)

Blue (4%)

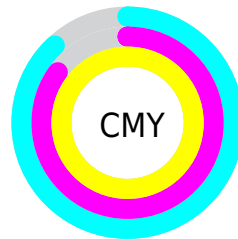


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (88%)


Magenta (85%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 23.025, 118.193 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, 23.025, 118.193 by changing the saturation by 10% instead.

 14, 23.025,
118.193


 14, 23.025,
118.193


 100, 23.025,
118.193

 4, 23.025, 118.193


 34, 23.025,
118.193

 0, 23.025, 118.193

 44, 23.025,
118.193


 54, 23.025,
118.193


 64, 23.025,
118.193


 74, 23.025,
118.193


 84, 23.025,

118.193


 94, 23.025,
118.193


 14, 23.025,
118.193


 14, 23.025,
118.193


 14, 23.048,
118.200

 14, 21.346,
117.776

 14, 19.678,
117.332

 14, 17.986,
116.876

 15, 15.995,
116.606

 15, 13.634,
116.682

■ 15, 10.980,
117.157

■ 15, 8.262, 117.669

■ 15, 5.510, 118.185

■ 15, 2.739, 118.697

Harmonies

Complementary

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



14, 23.025, 118.193



2, 24.380, 298.575

Rectangle

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



14, 23.025, 118.193



14, 23.025, 168.193



14, 23.025, 298.193



14, 23.025, 348.193

Sweetspot

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



14, 23.026, 118.194



20, 10.403, 117.560



6, 16.412, 31.522



8, 6.332, 120.176



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, 23.026, 118.194



19, 30.013, 116.074



13, 26.876, 136.694



6, 1.322, 119.480



33, 44.542, 115.419



79, 87.133, 116.493

Inverse Universe

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



2, 24.380, 298.575



3, 34.210, 302.294



4, 26.819, 315.996



6, 1.323, 298.892



7, 57.917, 308.126



28, 114.158, 307.475

Previews

White Background



This preview shows how the CIELCh color 14, 23.025, 118.193 looks on a white background.

Color Contrast Check

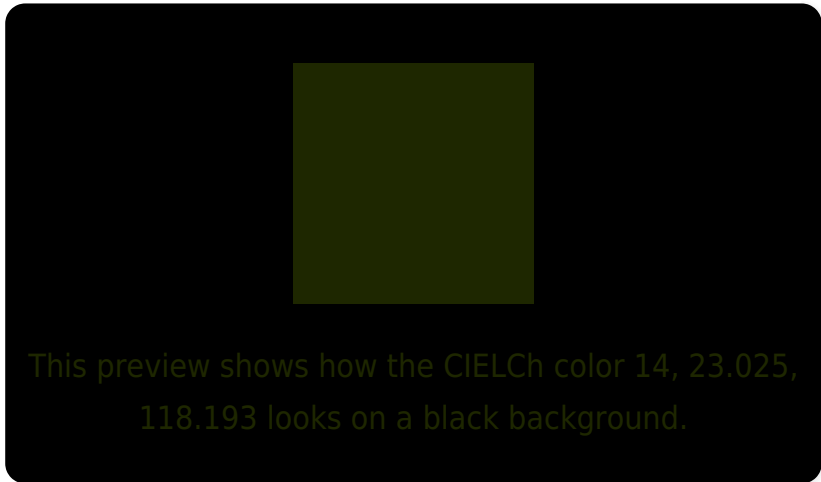
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.025, 118.193

Background



This preview shows how black text looks on a background with the CIELCh color 14, 23.025, 118.193.

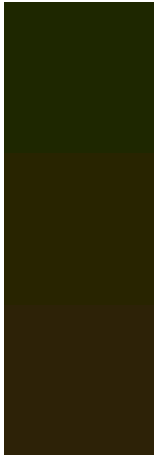


This preview shows how white text looks on a background with the CIELCh color 14, 23.025, 118.193.

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, 23.025, 118.193

Protanopia

14, 20.642, 99.216

Deuteranopia

14, 17.742, 84.922



Tritanopia
14, 2.531, 257.070

Trichromacy



Original Color
14, 23.025, 118.193

Protanomaly
14, 21.132, 107.265

Deuteranomaly
14, 19.037, 98.820

Tritanomaly
14, 8.855, 124.866

Monochromacy



Original Color
14, 23.025, 118.193

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 10.776, 118.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 23.025, 118.193 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, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(30, 39, 0)  
}
```

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, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 39, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 23.025, 118.193 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, 39, 0) }
```

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

```
.border{ border-color:rgb(30, 39, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 39, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 39, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 39, 0); box-shadow:4px  
4px 4px 4px rgb(30, 39, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 23.025, 118.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 39, 0) }
```

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

```
.background{ background-color: rgb(30, 39,  
0) }
```

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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