

Converting Colors

CIELCh(14, 47.487, 110.957)

Have a look what the booklet for
CIELCh(14, 47.487, 110.957)
contains.

CIELCh(14, 25.757, 127.261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(14, 25.757, 127.261)

Conversions

Conversions Part 1

Format	Color
Hex	172900
RGB	23, 41, 0
RGB Percent	9%, 16%, 0%
CMY	0.9112, 0.8411, 1.0000
CMYK	0.44, 0.00, 1.00, 0.84
HSL	86°, 100%, 8%
HSV	86°, 100%, 16%
XYZ	1.1181, 1.7298, 0.2544
YIQ	30.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

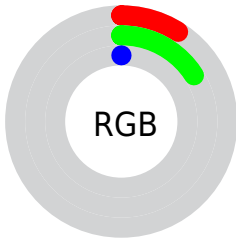
Format	Color
RYB	0, 41, 18
Decimal	1517824
CIELab	14.00, -15.59, 20.50
CIELCh	14, 25.757, 127.261
Yxy	1.7298, 0.3604, 0.5576
Android (android.graphics.Color)	4279707904 (0xFF172900)
YUV	30.9440, -15.2554, -6.9669
Hunter-Lab	13.1521, -7.8410, 8.0598

Details

The CIELCh color **14, 25.757, 127.261** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3, 26.215, 305.216**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 25.349, 126.661**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 25.478, 127.475**, and if you desaturate by 10%, it is **14, 23.535, 126.898**.

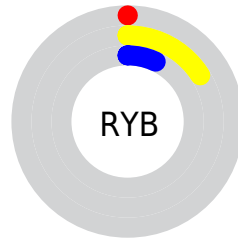
Distribution



Red (9%)

Green (16%)

Blue (0%)



Red (0%)

Yellow (16%)

Blue (7%)

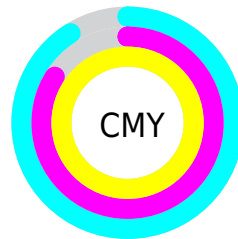


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (91%)


Magenta (84%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 25.757, 127.261 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, 25.757, 127.261 by changing the saturation by 10% instead.

 14, 25.757,
127.261


 14, 25.757,
127.261


 100, 25.757,
127.261


 4, 25.757, 127.261


 34, 25.757,
127.261

 0, 25.757, 127.261

 44, 25.757,
127.261


 54, 25.757,
127.261


 64, 25.757,
127.261


 74, 25.757,
127.261


 84, 25.757,

127.261


 94, 25.757,
127.261


 14, 25.757,
127.261


 14, 25.757,
127.261


 14, 25.478,
127.475

 14, 23.535,
126.898

 14, 21.609,
126.232

 15, 19.652,
125.507

 15, 17.375,
125.040

 15, 14.721,
125.058

■ 15, 11.838,
125.444

■ 15, 8.904, 125.842

■ 16, 5.942, 126.238

■ 16, 2.968, 126.627

Harmonies

Complementary

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



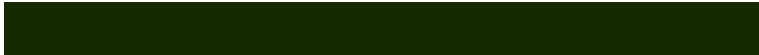
14, 25.757, 127.261



3, 26.215, 305.216

Rectangle

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



14, 25.757, 127.261



14, 25.757, 177.261



14, 25.757, 307.261



14, 25.757, 357.261

Sweetspot

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



14, 25.478, 127.475



21, 11.268, 125.762



8, 15.725, 50.377



10, 7.530, 127.166



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



14, 25.478, 127.475



20, 33.141, 125.108



13, 29.733, 140.839



6, 1.368, 127.374



32, 47.228, 124.621



77, 93.092, 126.109

Inverse Universe

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



3, 26.215, 305.216



4, 37.372, 309.645



5, 30.335, 325.336



6, 1.366, 306.592



9, 55.894, 311.552



32, 109.908, 310.541

Previews

White Background



This preview shows how the CIELCh color 14, 25.757, 127.261 looks on a white background.

Color Contrast Check

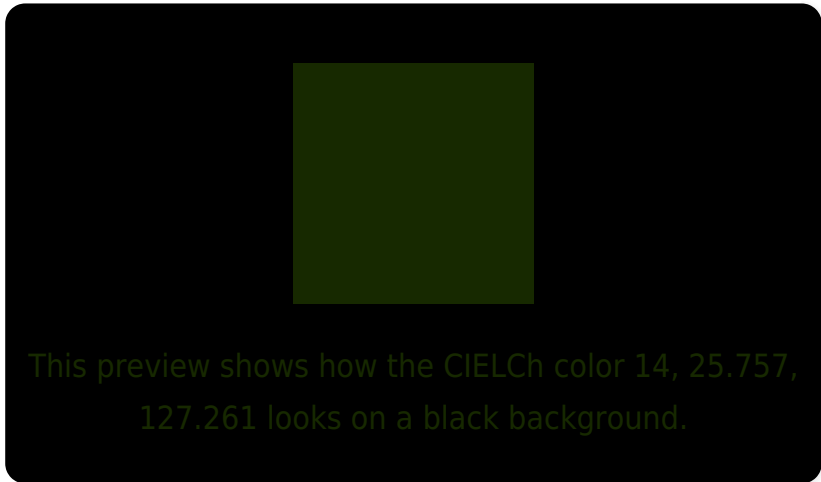
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.757, 127.261

Background



This preview shows how black text looks on a background with the CIELCh color 14, 25.757, 127.261.



This preview shows how white text looks on a background with the CIELCh color 14, 25.757, 127.261.

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

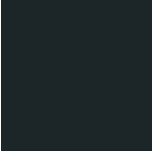
14, 25.757, 127.261

Protanopia

14, 20.732, 97.560

Deuteranopia

14, 17.361, 84.526



Tritanopia
14, 4.877, 224.579

Trichromacy



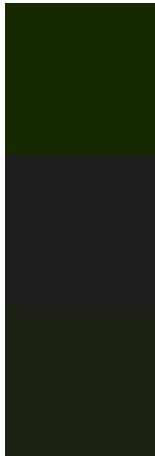
Original Color
14, 25.757, 127.261

Protanomaly
14, 21.892, 111.581

Deuteranomaly
14, 18.474, 104.164

Tritanomaly
14, 11.276, 142.676

Monochromacy



Original Color
14, 25.757, 127.261

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 10.429, 125.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 25.757, 127.261 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(23, 41, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 41, 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(23, 41, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 41, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 25.757, 127.261 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(23, 41, 0) }
```

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

```
.border{ border-color:rgb(23, 41, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 41, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 41, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 41, 0); box-shadow:4px  
4px 4px 4px rgb(23, 41, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 25.757, 127.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 41, 0) }
```

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

```
.background{ background-color: rgb(23, 41,  
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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