

Converting Colors

CIELCh(14, 39.063, 112.859)

Have a look what the booklet for
CIELCh(14, 39.063, 112.859)
contains.

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Color

CIELCh(14, 24.421, 123.736)

Conversions

Conversions Part 1

Format	Color
Hex	1A2800
RGB	26, 40, 0
RGB Percent	10%, 16%, 0%
CMY	0.8983, 0.8435, 1.0000
CMYK	0.35, 0.00, 1.00, 0.84
HSL	81°, 100%, 8%
HSV	81°, 100%, 16%
XYZ	1.1791, 1.7298, 0.2677
YIQ	31.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

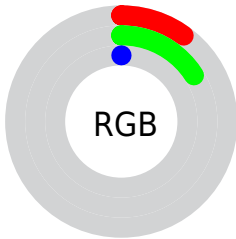
Format	Color
RYB	0, 40, 14
Decimal	1714176
CIELab	14.00, -13.56, 20.31
CIELCh	14, 24.421, 123.736
Yxy	1.7298, 0.3712, 0.5445
Android (android.graphics.Color)	4279904256 (0xFF1A2800)
YUV	31.2540, -15.4082, -4.6078
Hunter-Lab	13.1521, -7.0129, 7.9996

Details

The CIELCh color **14, 24.421, 123.736** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2, 25.373, 302.045**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 24.208, 123.233**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 24.367, 123.774**, and if you desaturate by 10%, it is **14, 22.541, 123.224**.

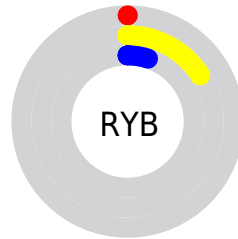
Distribution



Red (10%)

Green (16%)

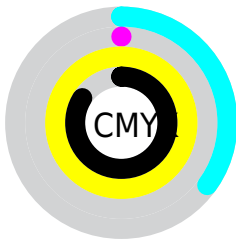
Blue (0%)



Red (0%)

Yellow (16%)

Blue (5%)

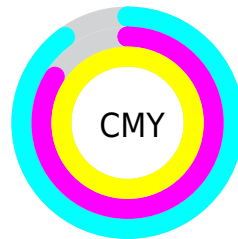


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (90%)


Magenta (84%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 24.421, 123.736 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, 24.421, 123.736 by changing the saturation by 10% instead.

 14, 24.421,
123.736

 14, 24.421,
123.736


 100, 24.421,
123.736


 4, 24.421, 123.736


 34, 24.421,
123.736

 0, 24.421, 123.736

 44, 24.421,
123.736


 54, 24.421,
123.736


 64, 24.421,
123.736


 74, 24.421,
123.736


 84, 24.421,

123.736


 94, 24.421,
123.736


 14, 24.421,
123.736


 14, 24.421,
123.736


 14, 24.367,
123.774

 14, 22.541,
123.224

 14, 20.733,
122.615

 14, 18.898,
121.967

 15, 16.753,
121.550

 15, 14.234,
121.563

■ 15, 11.456,
121.975

■ 15, 8.623, 122.407

■ 16, 5.759, 122.842

■ 16, 2.879, 123.272

Harmonies

Complementary

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



14, 24.421, 123.736



2, 25.373, 302.045

Rectangle

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



14, 24.421, 123.736



14, 24.421, 173.736



14, 24.421, 303.736



14, 24.421, 353.736

Sweetspot

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



14, 24.367, 123.774



20, 10.610, 122.329



7, 15.920, 41.485



8, 6.474, 125.083



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, 24.367, 123.774



19, 30.897, 121.669



13, 28.580, 139.324



6, 1.345, 124.045



32, 45.959, 120.973



77, 90.317, 122.360

Inverse Universe

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



2, 25.373, 302.045



3, 34.731, 305.829



4, 29.017, 321.971



6, 1.344, 303.307



8, 56.884, 309.881



30, 111.934, 308.950

Previews

White Background



This preview shows how the CIELCh color 14, 24.421, 123.736 looks on a white background.

Color Contrast Check

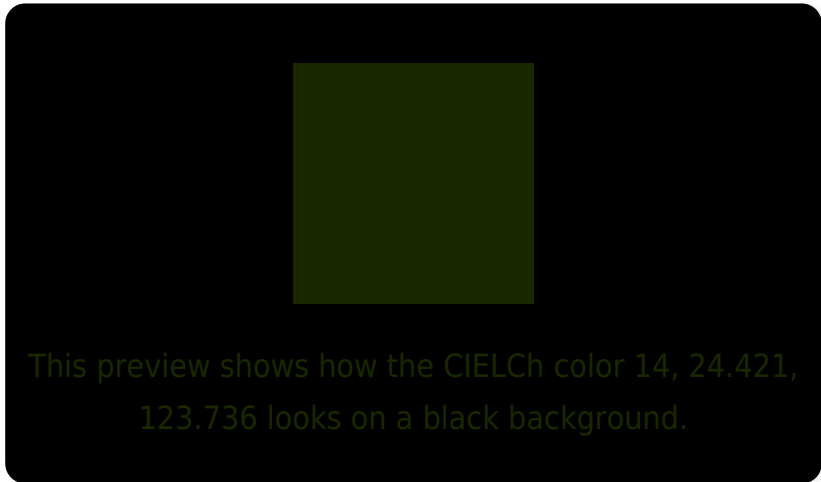
Large Text (above 18pt) WCAG AA ✓ Pass

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

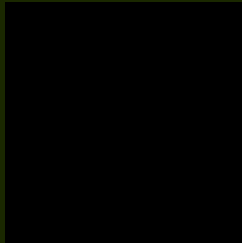
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 24.421, 123.736

Background



This preview shows how black text looks on a background with the CIELCh color 14, 24.421, 123.736.



This preview shows how white text looks on a background with the CIELCh color 14, 24.421, 123.736.

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

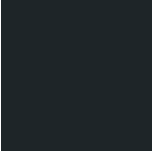
14, 24.421, 123.736

Protanopia

14, 20.732, 97.560

Deuteranopia

14, 17.361, 84.526



Tritanopia
14, 3.787, 233.293

Trichromacy



Original Color
14, 24.421, 123.736

Protanomaly
14, 21.132, 107.265

Deuteranomaly
14, 18.507, 102.342

Tritanomaly
14, 10.273, 134.245

Monochromacy



Original Color
14, 24.421, 123.736

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 10.268, 122.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 24.421, 123.736 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(26, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(26, 40, 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(26, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 40, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 24.421, 123.736 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(26, 40, 0) }
```

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

```
.border{ border-color:rgb(26, 40, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 40, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 40, 0); box-shadow:4px  
4px 4px 4px rgb(26, 40, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 24.421, 123.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 40, 0) }
```

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

```
.background{ background-color: rgb(26, 40,  
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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