

Converting Colors

CIELCh(11, 25.851, 141.635)

Have a look what the booklet for
CIELCh(11, 25.851, 141.635)
contains.

CIELCh(11, 26.026, 141.368)	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(11, 26.026, 141.368)

Conversions

Conversions Part 1

Format	Color
Hex	042400
RGB	4, 36, 0
RGB Percent	2%, 14%, 0%
CMY	0.9859, 0.8603, 1.0000
CMYK	0.90, 0.00, 1.00, 0.86
HSL	114°, 100%, 7%
HSV	114°, 100%, 14%
XYZ	0.6611, 1.2610, 0.1900
YIQ	22.3280, -7.5160, -17.9800

Conversions

Conversions Part 2

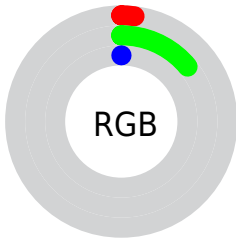
Format	Color
RYB	0, 36, 32
Decimal	271360
CIELab	11.00, -20.33, 16.25
CIELCh	11, 26.026, 141.368
Yxy	1.2610, 0.3130, 0.5970
Android (android.graphics.Color)	4278461440 (0xFF042400)
YUV	22.3280, -11.0077, -16.0737
Hunter-Lab	11.2295, -9.1422, 6.8577

Details

The CIELCh color **11, 26.026, 141.368** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4, 25.514, 322.826**, and the grayscale version is **7, 0.002, 296.812**.

A 20% lighter version of the original color is **31, 26.089, 141.589**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 25.792, 141.660**, and if you desaturate by 10%, it is **11, 23.845, 141.482**.

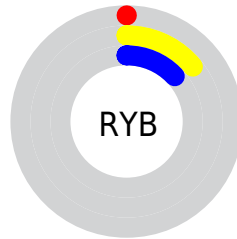
Distribution



Red (2%)

Green (14%)

Blue (0%)



Red (0%)

Yellow (14%)

Blue (13%)

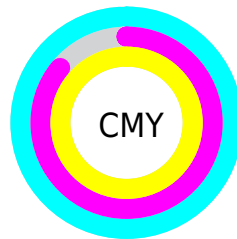


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (86%)



Cyan (99%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 26.026, 141.368 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 11, 26.026, 141.368 by changing the saturation by 10% instead.

■ 11, 26.026,
141.368

■ 11, 26.026,
141.368

■ 100, 26.026,
141.368

■ 1, 26.026, 141.368

■ 31, 26.026,
141.368

■ 0, 26.026, 141.368

■ 41, 26.026,
141.368


■ 51, 26.026,
141.368


■ 61, 26.026,
141.368

■ 71, 26.026,
141.368


■ 81, 26.026,


141.368


 91, 26.026,
141.368


 11, 26.026,
141.368


 11, 26.026,
141.368


 11, 25.792,
141.660

 11, 23.845,
141.482

 11, 21.886,
141.262

 12, 19.849,
140.774

 12, 17.554,
140.151

 12, 14.970,
139.745

■ 12, 12.112,
139.834

■ 13, 9.091, 140.376

■ 13, 6.049, 140.868

■ 14, 3.011, 141.317

Harmonies

Complementary

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



11, 26.026, 141.368



4, 25.514, 322.826

Rectangle

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



11, 26.026, 141.368



11, 26.026, 191.368



11, 26.026, 321.368



11, 26.026, 11.368

Sweetspot

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



11, 25.792, 141.660



17, 11.281, 140.270



12, 17.649, 98.992



7, 6.134, 142.130



62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



11, 25.792, 141.660



15, 32.792, 138.317



11, 21.762, 151.674



5, 1.214, 141.814



29, 51.606, 134.945



73, 102.531, 135.592

Inverse Universe

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



4, 25.514, 322.826



6, 34.138, 324.671



4, 19.185, 345.737



5, 1.214, 321.547



16, 50.825, 324.626



46, 100.192, 324.281

Previews

White Background



This preview shows how the CIE LCh color 11, 26.026, 141.368 looks on a white background.

Color Contrast Check

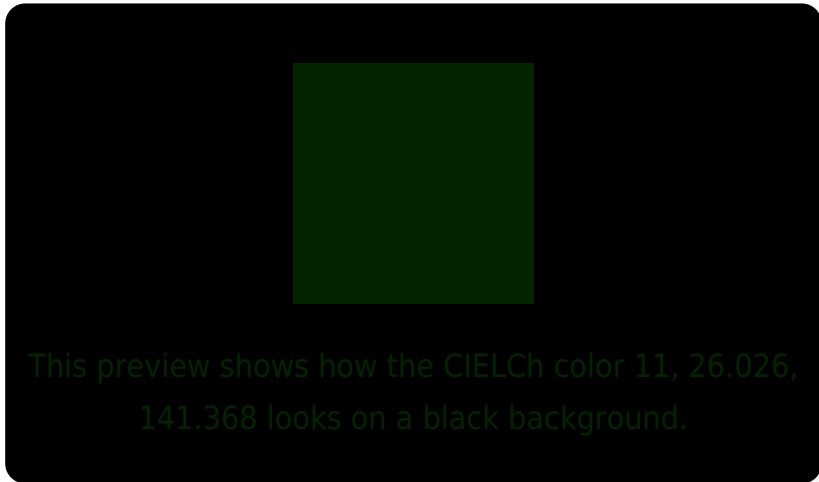
Large Text (above 18pt) WCAG AA ✓ Pass

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

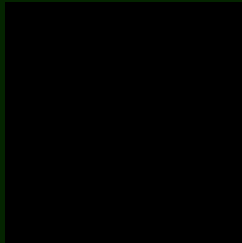
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 26.026, 141.368

Background



This preview shows how black text looks on a background with the CIELCh color 11, 26.026, 141.368.



This preview shows how white text looks on a background with the CIELCh color 11, 26.026, 141.368.

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


11, 26.026, 141.368

Protanopia

11, 17.240, 101.350

Deuteranopia

11, 13.664, 84.882



Tritanopia
11, 7.723, 214.283

Trichromacy



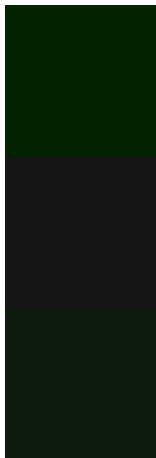
Original Color
11, 26.026, 141.368

Protanomaly
11, 19.608, 124.057

Deuteranomaly
11, 15.647, 120.339

Tritanomaly
11, 13.349, 159.364

Monochromacy



Original Color
11, 26.026, 141.368

Achromatopsia
7, 0.002, 296.812

Achromatomaly
8, 10.442, 142.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 26.026, 141.368 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(4, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 36, 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(4, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 36, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 26.026, 141.368 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(4, 36, 0) }
```

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

```
.border{ border-color:rgb(4, 36, 0) }
```

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

Here you see how a box with a 4 pixel rgb(4, 36, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 36, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 36, 0); box-shadow:4px  
4px 4px 4px rgb(4, 36, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 26.026, 141.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 36, 0) }
```

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

```
.background{ background-color: rgb(4, 36,  
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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