

Converting Colors

CIELCh(12, 28.073, 141.244)

Have a look what the booklet for
CIELCh(12, 28.073, 141.244)
contains.

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Color

CIELCh(12, 27.839, 141.446)

Conversions

Conversions Part 1

Format	Color
Hex	032600
RGB	3, 38, 0
RGB Percent	1%, 15%, 0%
CMY	0.9882, 0.8509, 0.9999
CMYK	0.92, 0.00, 1.00, 0.85
HSL	115°, 100%, 7%
HSV	115°, 100%, 15%
XYZ	0.7312, 1.4064, 0.2334
YIQ	23.2030, -8.6620, -19.2380

Conversions

Conversions Part 2

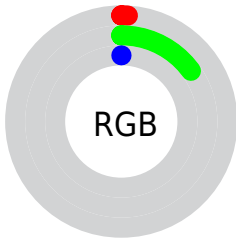
Format	Color
RYB	0, 38, 35
Decimal	206336
CIELab	12.00, -21.77, 17.35
CIELCh	12, 27.839, 141.446
Yxy	1.4064, 0.3084, 0.5931
Android (android.graphics.Color)	4278396416 (0xFF032600)
YUV	23.2030, -11.4391, -17.7180
Hunter-Lab	11.8591, -9.7472, 7.1343

Details

The CIELCh color **12, 27.839, 141.446** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4, 28.025, 324.409**, and the grayscale version is **8, 0.002, 296.812**.

A 20% lighter version of the original color is **32, 28.158, 141.381**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **12, 27.850, 141.447**, and if you desaturate by 10%, it is **12, 25.678, 141.159**.

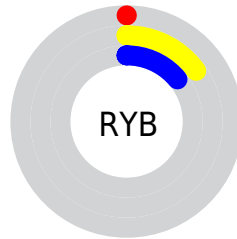
Distribution



Red (1%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

Blue (14%)

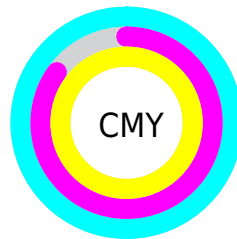


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (99%)


Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 12, 27.839, 141.446 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 12, 27.839, 141.446 by changing the saturation by 10% instead.

 12, 27.839,
141.446


 12, 27.839,
141.446


 100, 27.839,
141.446


 2, 27.839, 141.446


 32, 27.839,
141.446

 0, 27.839, 141.446

 42, 27.839,
141.446


 52, 27.839,
141.446


 62, 27.839,
141.446

 72, 27.839,
141.446


 82, 27.839,


141.446


 92, 27.839,
141.446


 12, 27.839,
141.446


 12, 27.839,
141.446


 12, 27.850,
141.447

 12, 25.678,
141.159

 12, 23.509,
140.818

 13, 21.313,
140.358

 13, 18.824,
139.952

 13, 15.998,
139.867

■ 13, 12.877,
140.360

■ 14, 9.663, 140.937

■ 14, 6.425, 141.457

■ 15, 3.190, 141.929

Harmonies

Complementary

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



12, 27.839, 141.446



4, 28.025, 324.409

Rectangle

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



12, 27.839, 141.446



12, 27.839, 191.446



12, 27.839, 321.446



12, 27.839, 11.446

Sweetspot

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



12, 27.839, 141.446



18, 11.895, 140.831



13, 19.823, 100.679



8, 7.478, 142.679



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



12, 27.839, 141.446



16, 34.542, 138.059



12, 22.669, 152.051



5, 1.222, 142.421



29, 51.770, 135.183



73, 102.704, 135.715

Inverse Universe

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



4, 28.025, 324.409



7, 35.839, 325.583



4, 20.694, 348.189



5, 1.223, 322.197



16, 50.735, 325.413



47, 99.987, 325.141

Previews

White Background



This preview shows how the CIELCh color 12, 27.839, 141.446 looks on a white background.

Color Contrast Check

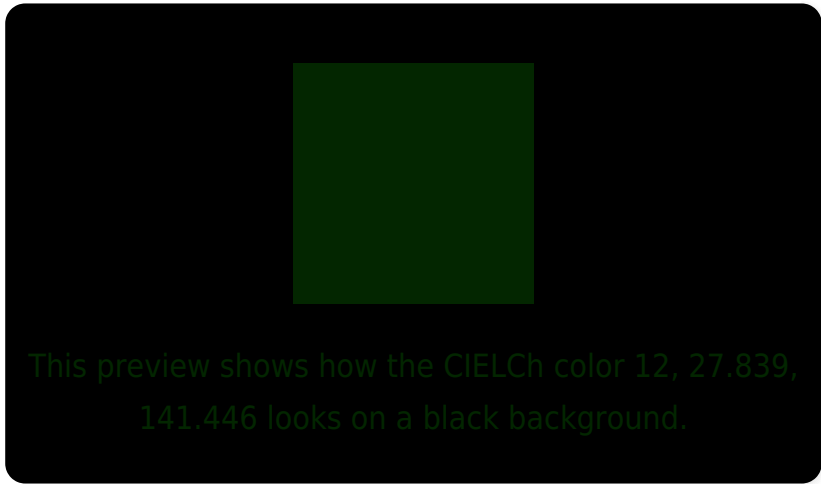
Large Text (above 18pt) WCAG AA ✓ Pass

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

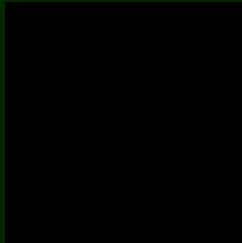
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 12, 27.839, 141.446

Background



This preview shows how black text looks on a background with the CIELCh color 12, 27.839, 141.446.



This preview shows how white text looks on a background with the CIELCh color 12, 27.839, 141.446.

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


12, 27.839, 141.446

Protanopia

12, 18.669, 99.265

Deuteranopia

12, 15.220, 84.327



Tritanopia
12, 8.049, 213.435

Trichromacy



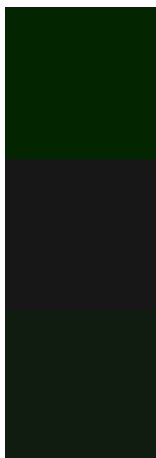
Original Color
12, 27.839, 141.446

Protanomaly
12, 20.807, 122.323

Deuteranomaly
12, 17.702, 119.641

Tritanomaly
12, 14.345, 158.950

Monochromacy



Original Color
12, 27.839, 141.446

Achromatopsia
8, 0.002, 296.812

Achromatomaly
9, 10.764, 142.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 12, 27.839, 141.446 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(3, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 38, 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(3, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 38, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 12, 27.839, 141.446 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(3, 38, 0) }
```

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

```
.border{ border-color:rgb(3, 38, 0) }
```

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

Here you see how a box with a 4 pixel rgb(3, 38, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 38, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 38, 0); box-shadow:4px  
4px 4px 4px rgb(3, 38, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 12, 27.839, 141.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 38, 0) }
```

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

```
.background{ background-color: rgb(3, 38,  
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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