

Converting Colors

CIELCh(11, 32.980, 349.737)

Have a look what the booklet for
CIELCh(11, 32.980, 349.737)
contains.

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Color

CIELCh(11, 32.830, 350.431)

Conversions

Conversions Part 1

Format	Color
Hex	410126
RGB	65, 1, 38
RGB Percent	25%, 0%, 15%
CMY	0.7468, 0.9974, 0.8524
CMYK	0.00, 0.99, 0.42, 0.75
HSL	325°, 98%, 13%
HSV	325°, 99%, 25%
XYZ	2.5028, 1.2610, 1.9147
YIQ	24.3540, 26.2670, 25.0750

Conversions

Conversions Part 2

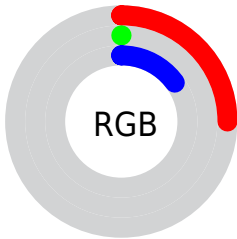
Format	Color
RYB	65, 1, 38
Decimal	4260134
CIELab	11.00, 32.37, -5.46
CIElCh	11, 32.830, 350.431
Yxy	1.2610, 0.4407, 0.2221
Android (android.graphics.Color)	4282450214 (0xFF410126)
YUV	24.3540, 6.7275, 35.6465
Hunter-Lab	11.2295, 20.1318, -2.2490

Details

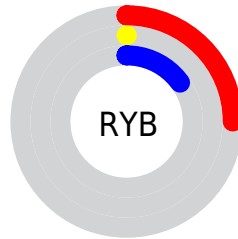
The CIELCh color **11, 32.830, 350.431** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 33.395, 148.693**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 32.999, 350.020**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 33.085, 350.567**, and if you desaturate by 10%, it is **12, 30.509, 348.949**.

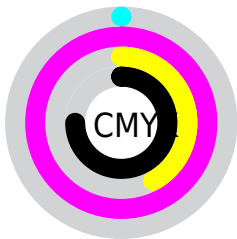
Distribution



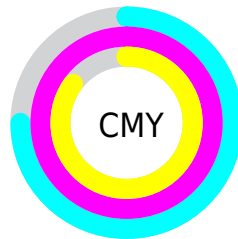
- Red (25%)
- Green (0%)
- Blue (15%)



- Red (25%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (42%)
- Black (75%)





- Cyan (75%)
- Magenta (100%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 32.830, 350.431 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, 32.830, 350.431 by changing the saturation by 10% instead.

 11, 32.830,
350.431


 11, 32.830,
350.431


 100, 32.830,
350.431


 1, 32.830, 350.431


 31, 32.830,
350.431


 0, 32.830, 350.431

 41, 32.830,
350.431


 51, 32.830,
350.431


 61, 32.830,
350.431


 71, 32.830,
350.431


 81, 32.830,


350.431

 91, 32.830,
350.431


 11, 32.830,
350.431


 11, 32.830,
350.431


 11, 33.085,
350.567

 12, 30.509,
348.949

 13, 28.369,
347.286

 14, 25.679,
345.846

 16, 22.477,
344.618

 18, 18.917,
343.547

■ 19, 15.137,
342.596

■ 21, 11.247,
341.736

■ 23, 7.330, 340.947

■ 25, 3.441, 340.201

Harmonies

Complementary

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



11, 32.830, 350.431



23, 33.395, 148.693

Rectangle

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



11, 32.830, 350.431



11, 32.830, 40.431



11, 32.830, 170.431



11, 32.830, 220.431

Sweetspot

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



11, 32.828, 350.432



28, 14.521, 341.929



6, 45.080, 310.706



12, 9.997, 342.081



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



11, 32.828, 350.432



16, 39.219, 351.921



10, 32.775, 24.205



12, 2.177, 340.169



19, 43.095, 352.556



49, 78.483, 355.235

Inverse Universe

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



11, 32.828, 350.432



16, 39.219, 351.921



24, 19.876, 185.801



12, 2.177, 340.169



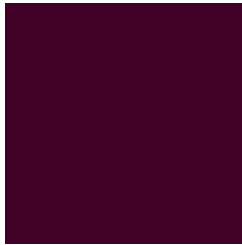
19, 43.095, 352.556



49, 78.483, 355.235

Previews

White Background



This preview shows how the CIELCh color 11, 32.830, 350.431 looks on a white background.

Color Contrast Check

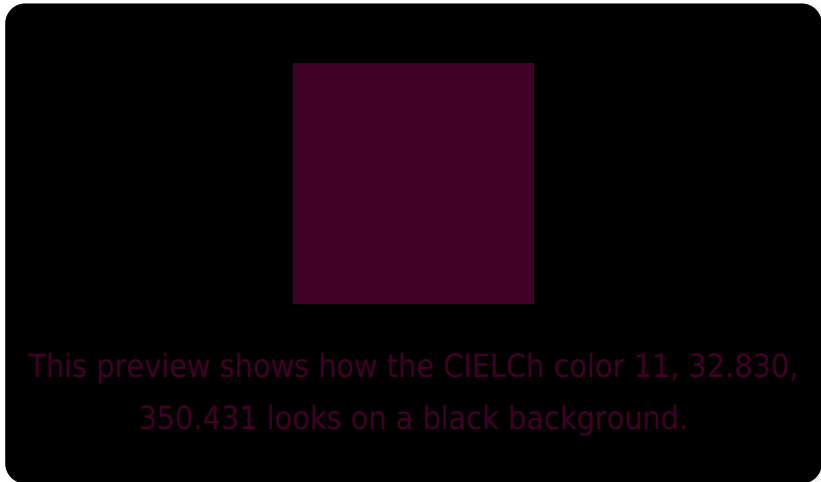
Large Text (above 18pt) WCAG AA ✓ Pass

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

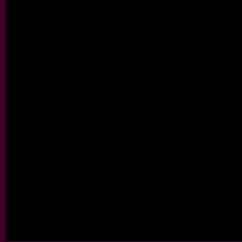
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 32.830, 350.431

Background



This preview shows how black text looks on a background with the CIELCh color 11, 32.830, 350.431.



This preview shows how white text looks on a background with the CIELCh color 11, 32.830, 350.431.

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, 32.830, 350.431

Protanopia

13, 15.187, 284.463

Deuteranopia

13, 2.452, 344.293



Tritanopia
12, 26.373, 27.825

Trichromacy



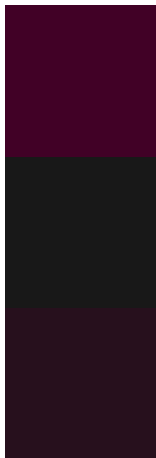
Original Color
11, 32.830, 350.431

Protanomaly
11, 21.141, 317.803

Deuteranomaly
11, 16.293, 343.934

Tritanomaly
12, 27.444, 14.079

Monochromacy



Original Color
11, 32.830, 350.431

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 14.705, 344.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 32.830, 350.431 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(65, 1, 38)` looks like.

```
.text, #text, p{  
    color:rgb(65, 1, 38)  
}
```

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(65, 1, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 1, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 32.830, 350.431 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(65, 1, 38) }
```

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

```
.border{ border-color:rgb(65, 1, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 1, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 1, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 1, 38); box-shadow:4px  
4px 4px 4px rgb(65, 1, 38) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 32.830, 350.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 1, 38) }
```

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

```
.background{ background-color: rgb(65, 1,  
38) }
```

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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