

Converting Colors

CIELCh(11, 40.605, 329.623)

Have a look what the booklet for
CIELCh(11, 40.605, 329.623)
contains.

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Color

CIELCh(11, 40.236, 329.421)

Conversions

Conversions Part 1

Format	Color
Hex	3C003A
RGB	60, 0, 58
RGB Percent	24%, 0%, 23%
CMY	0.7651, 1.0000, 0.7729
CMYK	0.00, 1.00, 0.03, 0.77
HSL	302°, 100%, 12%
HSV	302°, 100%, 23%
XYZ	2.6190, 1.2610, 4.0973
YIQ	24.5520, 17.1420, 30.7580

Conversions

Conversions Part 2

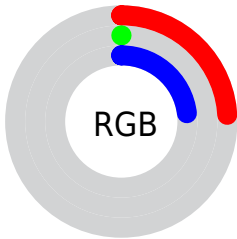
Format	Color
R_{YB}	60, 0, 58
Decimal	3932218
CIE _{Lab}	11.00, 34.64, -20.47
CIE _{LCh}	11, 40.236, 329.421
Yxy	1.2610, 0.3283, 0.1581
Android (android.graphics.Color)	4282122298 (0xFF3C003A)
YUV	24.5520, 16.4899, 31.0879
Hunter-Lab	11.2295, 21.9786, -13.7726

Details

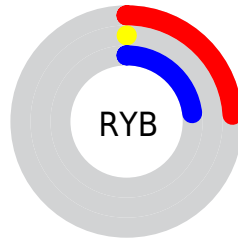
The CIELCh color **11, 40.236, 329.421** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21, 41.085, 137.830**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 40.715, 329.152**, and **0, 4.885, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **11, 40.199, 329.419**, and if you desaturate by 10%, it is **12, 37.304, 329.124**.

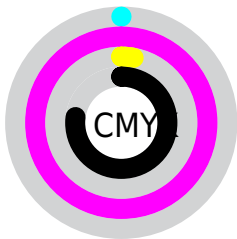
Distribution



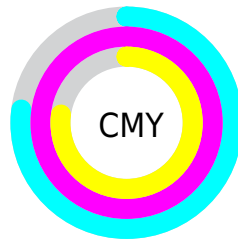
- Red (24%)
- Green (0%)
- Blue (23%)



- Red (24%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (77%)





- Cyan (77%)
- Magenta (100%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 40.236, 329.421 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, 40.236, 329.421 by changing the saturation by 10% instead.

 11, 40.236,
329.421


 11, 40.236,
329.421


 100, 40.236,
329.421


 1, 40.236, 329.421


 31, 40.236,
329.421

 0, 40.236, 329.421

 41, 40.236,
329.421


 51, 40.236,
329.421


 61, 40.236,
329.421


 71, 40.236,
329.421


 81, 40.236,


329.421


 91, 40.236,
329.421


 11, 40.236,
329.421


 11, 40.236,
329.421


 11, 40.199,
329.419

 12, 37.304,
329.124

 13, 34.596,
328.828

 14, 31.408,
328.494

 15, 27.643,
328.112

 16, 23.444,
327.692

■ 18, 18.946,
327.243

■ 20, 14.268,
326.773

■ 22, 9.507, 326.290

■ 23, 4.735, 325.796

Harmonies

Complementary

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



11, 40.236, 329.421



21, 41.085, 137.830

Rectangle

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



11, 40.236, 329.421



11, 40.236, 19.421



11, 40.236, 149.421



11, 40.236, 199.421

Sweetspot

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



11, 40.199, 329.419



27, 17.974, 326.842



3, 40.999, 300.664



12, 12.370, 326.919



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



11, 40.199, 329.419



16, 48.275, 329.478



9, 30.510, 357.376



10, 2.673, 325.718



21, 54.493, 329.510



52, 101.318, 329.617

Inverse Universe

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



11, 40.199, 329.419



16, 48.275, 329.478



21, 29.094, 153.463



10, 2.673, 325.718



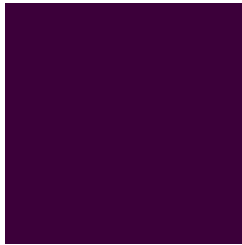
21, 54.493, 329.510



52, 101.318, 329.617

Previews

White Background



This preview shows how the CIELCh color 11, 40.236, 329.421 looks on a white background.

Color Contrast Check

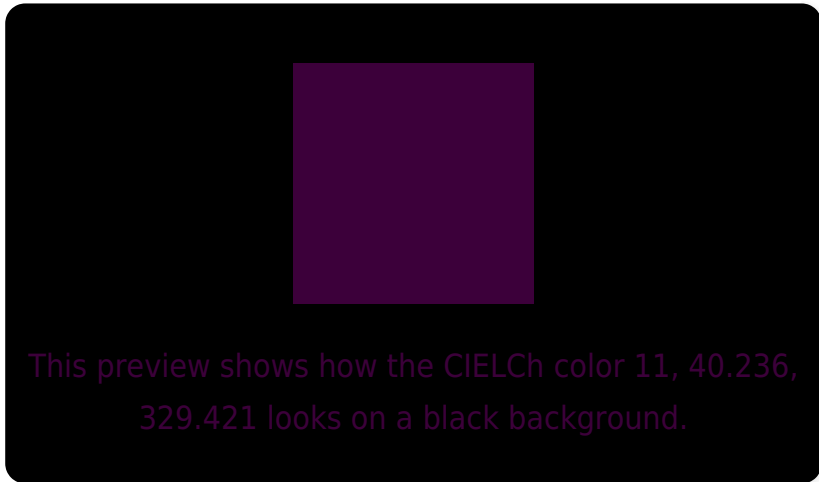
Large Text (above 18pt) WCAG AA ✓ Pass

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

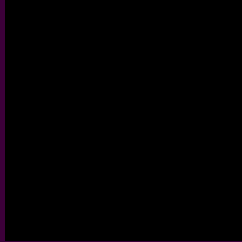
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 40.236, 329.421

Background



This preview shows how black text looks on a background with the CIELCh color 11, 40.236, 329.421.



This preview shows how white text looks on a background with the CIELCh color 11, 40.236, 329.421.

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, 40.236, 329.421

Deuteranopia

13, 14.769, 277.053

Tritanopia

13, 17.935, 23.015

Trichromacy

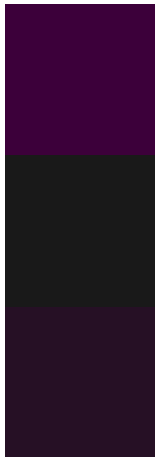


Original Color
11, 40.236, 329.421

Deuteranomaly
11, 24.617, 309.358

Tritanomaly
12, 23.534, 351.255

Monochromacy



Original Color
11, 40.236, 329.421

Achromatopsia
9, 0.002, 296.813

Achromatomaly
8, 18.264, 328.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 40.236, 329.421 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(60, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 58)  
}
```

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(60, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 40.236, 329.421 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(60, 0, 58) }
```

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

```
.border{ border-color:rgb(60, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(60, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 0, 58); box-shadow:4px  
4px 4px 4px rgb(60, 0, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 40.236, 329.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 58) }
```

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

```
.background{ background-color: rgb(60, 0,  
58) }
```

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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