

Converting Colors

CIELCh(1, 82.387, 327.453)

Have a look what the booklet for
CIELCh(1, 82.387, 327.453) contains.

CIELCh(11, 45.131, 323.189)	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>	26

Color

CIELCh(11, 45.131, 323.189)

Conversions

Conversions Part 1

Format	Color
Hex	390043
RGB	57, 0, 67
RGB Percent	22%, 0%, 26%
CMY	0.7763, 1.0000, 0.7369
CMYK	0.15, 1.00, 0.00, 0.74
HSL	291°, 100%, 13%
HSV	291°, 100%, 26%
XYZ	2.6974, 1.2610, 5.4248
YIQ	24.6810, 12.4650, 32.9210

Conversions

Conversions Part 2

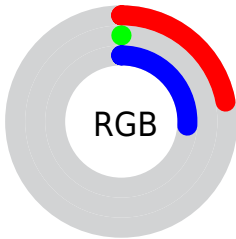
Format	Color
R _Y B	57, 0, 67
Decimal	3735619
CIE Lab	11.00, 36.13, -27.04
CIE LCh	11, 45.131, 323.189
Yxy	1.2610, 0.2875, 0.1344
Android (android.graphics.Color)	4281925699 (0xFF390043)
YUV	24.6810, 20.8633, 28.3438
Hunter-Lab	11.2295, 23.2250, -20.7815

Details

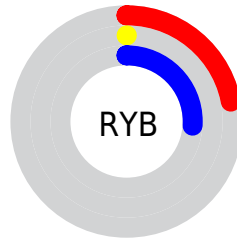
The CIELCh color **11, 45.131, 323.189** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 44.379, 134.525**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 45.138, 323.026**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **11, 44.738, 323.115**, and if you desaturate by 10%, it is **12, 41.419, 323.003**.

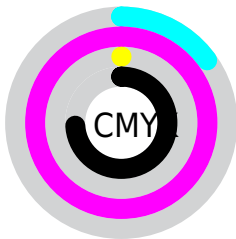
Distribution



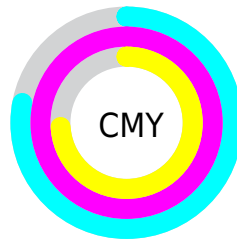
- Red (22%)
- Green (0%)
- Blue (26%)



- Red (22%)
- Yellow (0%)
- Blue (26%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)



- Cyan (78%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 45.131, 323.189 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, 45.131, 323.189 by changing the saturation by 10% instead.

■ 11, 45.131,
323.189

■ 11, 45.131,
323.189

■ 100, 45.131,
323.189

■ 1, 45.131, 323.189

■ 31, 45.131,
323.189

■ 0, 45.131, 323.189

■ 41, 45.131,
323.189


■ 51, 45.131,
323.189


■ 61, 45.131,
323.189


■ 71, 45.131,
323.189


■ 81, 45.131,


323.189


 91, 45.131,
323.189


 11, 45.131,
323.189


 11, 45.131,
323.189

 11, 44.738,
323.115

 12, 41.419,
323.003

 13, 38.311,
322.957

 15, 34.585,
322.816

 16, 30.269,
322.577

 18, 25.537,
322.266

■ 20, 20.544,
321.904

■ 22, 15.413,
321.511

■ 24, 10.240,
321.101

■ 26, 5.088, 320.681

Harmonies

Complementary

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



11, 45.131, 323.189



24, 44.379, 134.525

Rectangle

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



11, 45.131, 323.189



11, 45.131, 13.189



11, 45.131, 143.189



11, 45.131, 193.189

Sweetspot

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



11, 44.738, 323.115



29, 19.079, 321.560



6, 41.589, 299.780



12, 12.813, 321.626



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, 44.738, 323.115



16, 53.235, 322.915



12, 35.119, 345.738



12, 2.799, 320.616



19, 57.520, 322.839



48, 106.229, 322.440

Inverse Universe

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



11, 33.643, 22.248



16, 41.518, 27.230



24, 36.828, 145.537



12, 1.721, 7.737



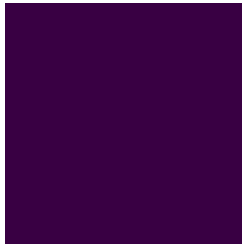
18, 45.462, 28.805



47, 87.856, 33.645

Previews

White Background



This preview shows how the CIELCh color 11, 45.131, 323.189 looks on a white background.

Color Contrast Check

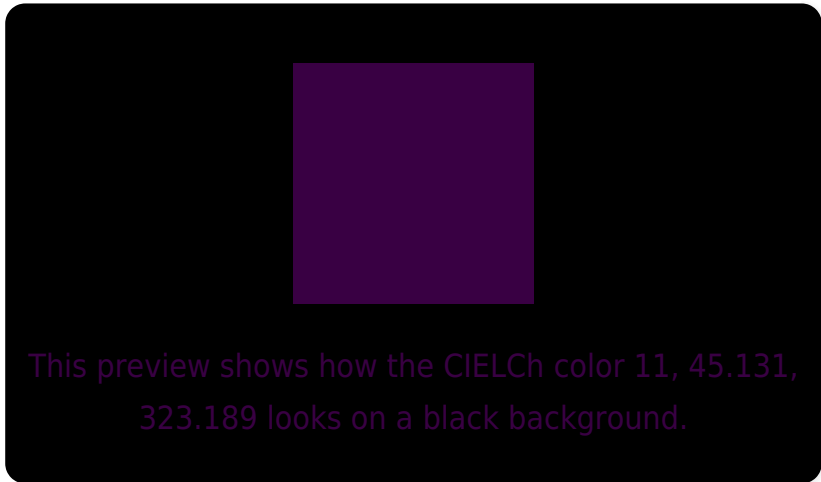
Large Text (above 18pt) WCAG AA ✓ Pass

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

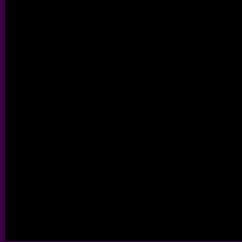
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 45.131, 323.189

Background



This preview shows how black text looks on a background with the CIELCh color 11, 45.131, 323.189.



This preview shows how white text looks on a background with the CIELCh color 11, 45.131, 323.189.

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, 44.699, 323.130

Deuteranopia

13, 20.684, 269.799

Tritanopia

13, 13.862, 17.916

Trichromacy

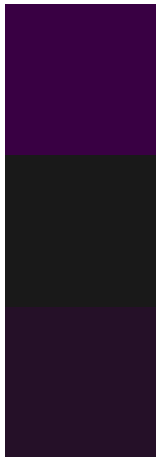


Original Color
11, 44.699, 323.130

Deuteranomaly
10, 30.755, 298.555

Tritanomaly
12, 23.444, 340.189

Monochromacy



Original Color
11, 44.699, 323.130

Achromatopsia
9, 0.002, 296.813

Achromatomaly
8, 19.829, 323.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 45.131, 323.189 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(57, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 67)  
}
```

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(57, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 45.131, 323.189 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(57, 0, 67) }
```

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

```
.border{ border-color:rgb(57, 0, 67) }
```

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

Here you see how a box with a 4 pixel rgb(57, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 67); box-shadow:4px  
4px 4px 4px rgb(57, 0, 67) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 45.131, 323.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 67) }
```

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

```
.background{ background-color: rgb(57, 0,  
67) }
```

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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