

Converting Colors

CIELCh(5, 62.592, 328.308)

Have a look what the booklet for
CIELCh(5, 62.592, 328.308) contains.

CIELCh(11, 42.180, 326.015)	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, 42.180, 326.015)

Conversions

Conversions Part 1

Format	Color
Hex	3A003E
RGB	58, 0, 62
RGB Percent	23%, 0%, 24%
CMY	0.7716, 0.9993, 0.7560
CMYK	0.06, 1.00, 0.00, 0.76
HSL	296°, 99%, 12%
HSV	296°, 100%, 24%
XYZ	2.6364, 1.2610, 4.6943
YIQ	24.4100, 14.6660, 31.5780

Conversions

Conversions Part 2

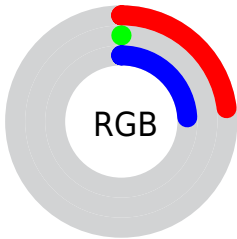
Format	Color
R_{YB}	58, 0, 62
Decimal	3801150
CIE _{Lab}	11.00, 34.97, -23.58
CIE _{LCh}	11, 42.180, 326.015
Yxy	1.2610, 0.3069, 0.1468
Android (android.graphics.Color)	4281991230 (0xFF3A003E)
YUV	24.4100, 18.5319, 29.4584
Hunter-Lab	11.2295, 22.2560, -16.9245

Details

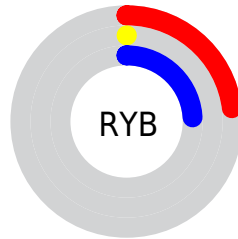
The CIELCh color **11, 42.180, 326.015** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 42.403, 136.044**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 42.316, 326.099**, and **1, 7.635, 288.097** is the 20% darker color. If you saturate the color by 10%, you get **11, 42.279, 326.022**, and if you desaturate by 10%, it is **12, 39.080, 325.830**.

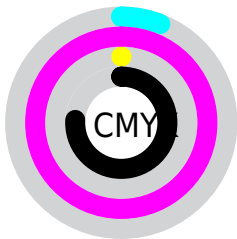
Distribution



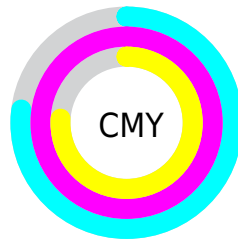
- Red (23%)
- Green (0%)
- Blue (24%)



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



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)





- Cyan (77%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 42.180, 326.015 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, 42.180, 326.015 by changing the saturation by 10% instead.

 11, 42.180,
326.015


 11, 42.180,
326.015


 100, 42.180,
326.015


 1, 42.180, 326.015


 31, 42.180,
326.015

 0, 42.180, 326.015

 41, 42.180,
326.015


 51, 42.180,
326.015


 61, 42.180,
326.015


 71, 42.180,
326.015


 81, 42.180,


326.015


 91, 42.180,
326.015


 11, 42.180,
326.015


 11, 42.180,
326.015


 11, 42.279,
326.022

 12, 39.080,
325.830

 13, 36.173,
325.678

 14, 32.725,
325.461

 16, 28.702,
325.169

 17, 24.257,
324.819

■ 19, 19.532,
324.425

■ 21, 14.647,
324.003

■ 22, 9.697, 323.564

■ 24, 4.750, 323.111

Harmonies

Complementary

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



11, 42.180, 326.015



22, 42.403, 136.044

Rectangle

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



11, 42.180, 326.015



11, 42.180, 16.015



11, 42.180, 146.015



11, 42.180, 196.015

Sweetspot

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



11, 42.179, 326.015



27, 18.546, 324.076



4, 40.767, 300.099



12, 12.435, 324.138



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, 42.179, 326.015



16, 50.684, 325.922



10, 32.085, 351.196



10, 2.680, 323.051



20, 56.027, 325.876



50, 104.413, 325.689

Inverse Universe

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



9, 32.101, 24.010



14, 40.600, 29.895



22, 32.315, 149.302



10, 1.579, 14.531



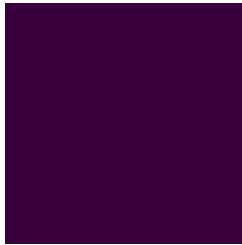
18, 45.994, 32.303



46, 91.548, 37.910

Previews

White Background



This preview shows how the CIE LCh color 11, 42.180, 326.015 looks on a white background.

Color Contrast Check

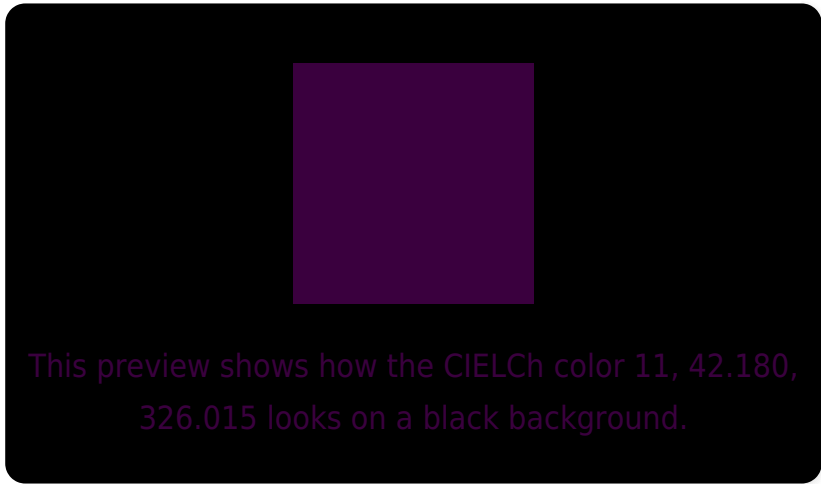
Large Text (above 18pt) WCAG AA ✓ Pass

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

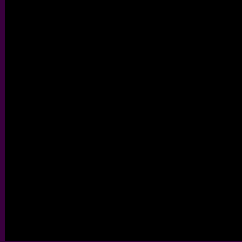
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 42.180, 326.015

Background



This preview shows how black text looks on a background with the CIELCh color 11, 42.180, 326.015.



This preview shows how white text looks on a background with the CIELCh color 11, 42.180, 326.015.

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, 42.180, 326.015

Protanopia

13, 26.349, 280.581

Deuteranopia

13, 18.534, 276.364



Tritanopia
13, 16.124, 19.660

Trichromacy



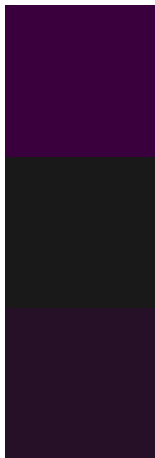
Original Color
11, 42.180, 326.015

Protanomaly
10, 33.586, 299.734

Deuteranomaly
10, 27.898, 304.315

Tritanomaly
11, 24.109, 345.750

Monochromacy



Original Color
11, 42.180, 326.015

Achromatopsia
9, 0.002, 296.813

Achromatomaly
8, 19.236, 324.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 42.180, 326.015 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(58, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 62)  
}
```

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(58, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 42.180, 326.015 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(58, 0, 62) }
```

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

```
.border{ border-color:rgb(58, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 0, 62); box-shadow:4px  
4px 4px 4px rgb(58, 0, 62) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 42.180, 326.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 62) }
```

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

```
.background{ background-color: rgb(58, 0,  
62) }
```

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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