

Converting Colors

CIELCh(11, 30.267, 346.444)

Have a look what the booklet for
CIELCh(11, 30.267, 346.444)
contains.

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Color

CIELCh(11, 30.162, 346.291)

Conversions

Conversions Part 1

Format	Color
Hex	3D0628
RGB	61, 6, 40
RGB Percent	24%, 2%, 16%
CMY	0.7618, 0.9774, 0.8440
CMYK	0.00, 0.91, 0.35, 0.76
HSL	323°, 83%, 13%
HSV	323°, 91%, 24%
XYZ	2.3510, 1.2610, 2.1076
YIQ	26.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

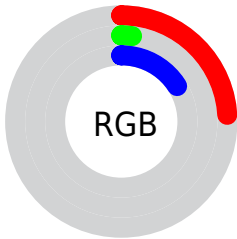
Format	Color
R_{YB}	61, 6, 40
Decimal	3999272
CIE _{Lab}	11.00, 29.30, -7.15
CIE _{LCh}	11, 30.162, 346.291
Yxy	1.2610, 0.4110, 0.2205
Android (android.graphics.Color)	4282189352 (0xFF3D0628)
YUV	26.3210, 6.7437, 30.4135
Hunter-Lab	11.2295, 17.7187, -3.2672




Details

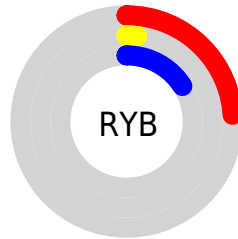
The CIELCh color **11, 30.162, 346.291** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 30.755, 148.288**, and the grayscale version is **9, 0.003, 296.813**.




A 20% lighter version of the original color is **31, 30.219, 346.198**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 32.477, 347.416**, and if you desaturate by 10%, it is **12, 28.008, 344.902**.

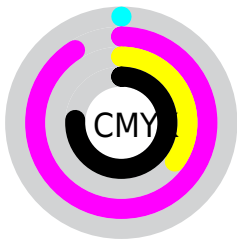
Distribution







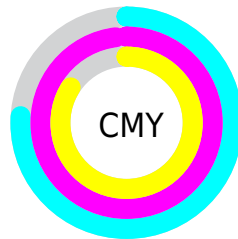
-  Red (24%)
-  Green (2%)
-  Blue (16%)






-  Red (24%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (35%)
-  Black (76%)





-  Cyan (76%)
-  Magenta (98%)
-  Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 30.162, 346.291 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, 30.162, 346.291 by changing the saturation by 10% instead.

 11, 30.162,
346.291


 11, 30.162,
346.291


 100, 30.162,
346.291


 1, 30.162, 346.291


 31, 30.162,
346.291


 0, 30.162, 346.291

 41, 30.162,
346.291


 51, 30.162,
346.291


 61, 30.162,
346.291


 71, 30.162,
346.291


 81, 30.162,


346.291


 91, 30.162,
346.291


 11, 30.162,
346.291


 11, 30.162,
346.291


 10, 32.477,
347.416

 12, 28.008,
344.902

 13, 25.459,
343.622

 15, 22.403,
342.515

 16, 18.983,
341.538

 18, 15.332,
340.659

■ 20, 11.557,
339.856

■ 22, 7.740, 339.112

■ 24, 3.939, 338.407

■ 26, 0.192, 336.987

Harmonies

Complementary

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



11, 30.162, 346.291



22, 30.755, 148.288

Rectangle

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



11, 30.162, 346.291



11, 30.162, 36.291



11, 30.162, 166.291



11, 30.162, 216.291

Sweetspot

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



11, 30.161, 346.292



27, 12.733, 339.681



6, 39.520, 309.034



12, 8.661, 339.764



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, 30.161, 346.292



15, 38.363, 348.612



10, 28.510, 21.207



10, 2.090, 338.261



19, 43.124, 349.315



49, 79.177, 351.692

Inverse Universe

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



11, 30.161, 346.292



15, 38.363, 348.612



22, 18.960, 181.020



10, 2.090, 338.261



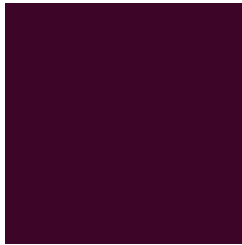
19, 43.124, 349.315



49, 79.177, 351.692

Previews

White Background



This preview shows how the CIE LCh color 11, 30.162, 346.291 looks on a white background.

Color Contrast Check

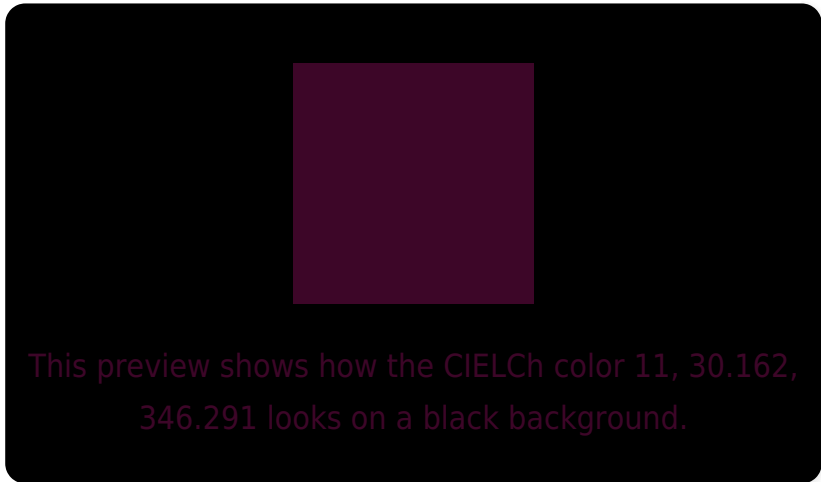
Large Text (above 18pt) WCAG AA ✓ Pass

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

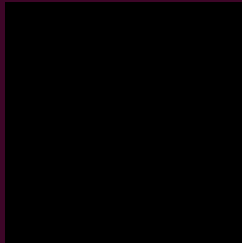
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 30.162, 346.291

Background



This preview shows how black text looks on a background with the CIELCh color 11, 30.162, 346.291.



This preview shows how white text looks on a background with the CIELCh color 11, 30.162, 346.291.

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, 30.162, 346.291

Protanopia

13, 17.469, 283.532

Deuteranopia

13, 3.749, 306.025



Tritanopia
12, 23.619, 25.630

Trichromacy



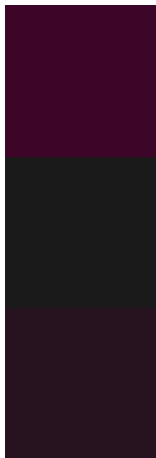
Original Color
11, 30.162, 346.291

Protanomaly
10, 21.272, 311.430

Deuteranomaly
11, 15.432, 336.129

Tritanomaly
11, 24.851, 9.996

Monochromacy



Original Color
11, 30.162, 346.291

Achromatopsia
9, 0.003, 296.813

Achromatomaly
9, 13.147, 342.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 30.162, 346.291 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(61, 6, 40)` looks like.

```
.text, #text, p{  
    color:rgb(61, 6, 40)  
}
```

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(61, 6, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 6, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 30.162, 346.291 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(61, 6, 40) }
```

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

```
.border{ border-color:rgb(61, 6, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 6, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 6, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 6, 40); box-shadow:4px  
4px 4px 4px rgb(61, 6, 40) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 30.162, 346.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 6, 40) }
```

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

```
.background{ background-color: rgb(61, 6,  
40) }
```

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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