

Converting Colors

CIELCh(9, 44.085, 333.645)

Have a look what the booklet for
CIELCh(9, 44.085, 333.645) contains.

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Color

CIELCh(11, 37.606, 334.140)

Conversions

Conversions Part 1

Format	Color
Hex	3D0034
RGB	61, 0, 52
RGB Percent	24%, 0%, 20%
CMY	0.7594, 0.9988, 0.7948
CMYK	0.00, 1.00, 0.15, 0.76
HSL	309°, 99%, 12%
HSV	309°, 100%, 24%
XYZ	2.5776, 1.2610, 3.3959
YIQ	24.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

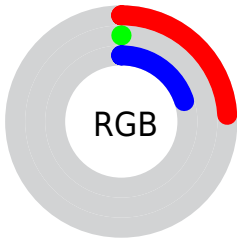
Format	Color
R_{YB}	61, 0, 52
Decimal	3997748
CIE _{Lab}	11.00, 33.84, -16.40
CIE _{LCh}	11, 37.606, 334.140
Yxy	1.2610, 0.3563, 0.1743
Android (android.graphics.Color)	4282187828 (0xFF3D0034)
YUV	24.1670, 13.7217, 32.3025
Hunter-Lab	11.2295, 21.3205, -10.0691

Details

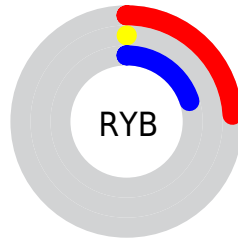
The CIELCh color **11, 37.606, 334.140** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 39.327, 139.961**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 37.830, 333.878**, and **0, 0.807, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **11, 37.739, 334.163**, and if you desaturate by 10%, it is **12, 34.955, 333.631**.

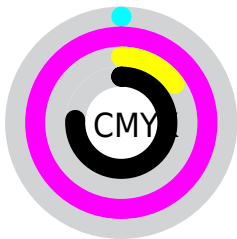
Distribution



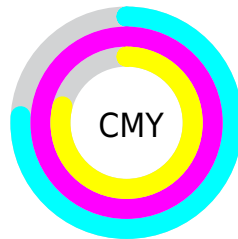
- Red (24%)
- Green (0%)
- Blue (20%)



- Red (24%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (76%)



- Cyan (76%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 37.606, 334.140 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, 37.606, 334.140 by changing the saturation by 10% instead.

■ 11, 37.606,
334.140

■ 11, 37.606,
334.140

■ 100, 37.606,
334.140

■ 1, 37.606, 334.140

■ 31, 37.606,
334.140

■ 0, 37.606, 334.140

■ 41, 37.606,
334.140


■ 51, 37.606,
334.140


■ 61, 37.606,
334.140


■ 71, 37.606,
334.140


■ 81, 37.606,


334.140


 91, 37.606,
334.140


 11, 37.606,
334.140


 11, 37.606,
334.140


 11, 37.739,
334.163

 12, 34.955,
333.631

 13, 32.486,
333.078

 14, 29.487,
332.523

 15, 25.922,
331.971

 17, 21.937,
331.419

■ 19, 17.673,
330.869

■ 20, 13.245,
330.321

■ 22, 8.747, 329.778

■ 24, 4.247, 329.235

Harmonies

Complementary

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



11, 37.606, 334.140



22, 39.327, 139.961

Rectangle

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



11, 37.606, 334.140



11, 37.606, 24.140



11, 37.606, 154.140



11, 37.606, 204.140

Sweetspot

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



11, 37.605, 334.140



27, 16.620, 330.419



4, 42.391, 303.686



12, 11.439, 330.507



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, 37.605, 334.140



16, 44.475, 334.461



10, 30.371, 7.117



10, 2.469, 329.174



20, 50.102, 334.641



51, 92.540, 335.245

Inverse Universe

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



11, 37.605, 334.140



16, 44.475, 334.461



22, 26.117, 160.275



10, 2.469, 329.174



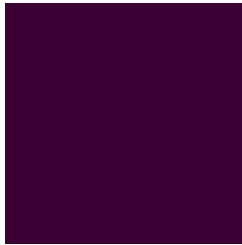
20, 50.102, 334.641



51, 92.540, 335.245

Previews

White Background



This preview shows how the CIELCh color 11, 37.606, 334.140 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

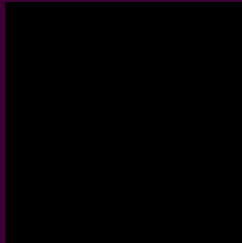
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 37.606, 334.140

Background



This preview shows how black text looks on a background with the CIELCh color 11, 37.606, 334.140.



This preview shows how white text looks on a background with the CIELCh color 11, 37.606, 334.140.

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, 37.606, 334.140

Protanopia

13, 26.999, 281.371

Deuteranopia

13, 10.930, 280.334



Tritanopia
13, 20.754, 24.500

Trichromacy



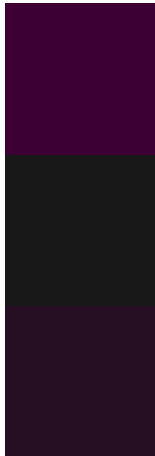
Original Color
11, 37.606, 334.140

Protanomaly
10, 31.520, 299.819

Deuteranomaly
11, 21.607, 315.905

Tritanomaly
12, 24.966, 357.542

Monochromacy



Original Color
11, 37.606, 334.140

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 17.442, 332.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 37.606, 334.140 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, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 52)  
}
```

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, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 37.606, 334.140 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, 0, 52) }
```

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

```
.border{ border-color:rgb(61, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(61, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 0, 52); box-shadow:4px  
4px 4px 4px rgb(61, 0, 52) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 37.606, 334.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 0, 52) }
```

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

```
.background{ background-color: rgb(61, 0,  
52) }
```

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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