

Converting Colors

CIELCh(11, 37.753, 335.895)

Have a look what the booklet for
CIELCh(11, 37.753, 335.895)
contains.

CIELCh(11, 37.284, 336.249)	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, 37.284, 336.249)

Conversions

Conversions Part 1

Format	Color
Hex	3E0032
RGB	62, 0, 50
RGB Percent	24%, 0%, 20%
CMY	0.7553, 1.0000, 0.8021
CMYK	0.00, 1.00, 0.19, 0.76
HSL	311°, 100%, 12%
HSV	311°, 100%, 24%
XYZ	2.5923, 1.2610, 3.1765
YIQ	24.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

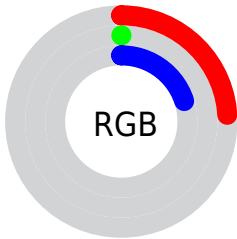
Format	Color
R_{YB}	62, 0, 50
Decimal	4063282
CIE _{Lab}	11.00, 34.13, -15.02
CIE _{LCh}	11, 37.284, 336.249
Yxy	1.2610, 0.3688, 0.1794
Android (android.graphics.Color)	4282253362 (0xFF3E0032)
YUV	24.2380, 12.7007, 33.1173
Hunter-Lab	11.2295, 21.5549, -8.9106

Details

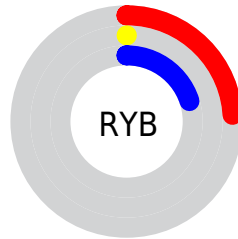
The CIELCh color **11, 37.284, 336.249** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 39.023, 140.842**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 36.815, 336.502**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 37.037, 336.278**, and if you desaturate by 10%, it is **12, 34.462, 335.660**.

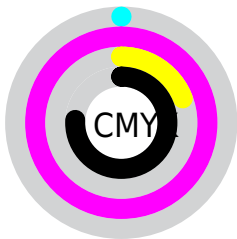
Distribution



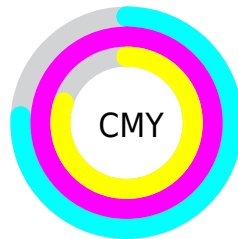
- Red (24%)
- Green (0%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (76%)





- Cyan (76%)
- Magenta (100%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 37.284, 336.249 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, 37.284, 336.249 by changing the saturation by 10% instead.

 11, 37.284,
336.249


 11, 37.284,
336.249


 100, 37.284,
336.249


 1, 37.284, 336.249


 31, 37.284,
336.249

 0, 37.284, 336.249

 41, 37.284,
336.249


 51, 37.284,
336.249


 61, 37.284,
336.249


 71, 37.284,
336.249


 81, 37.284,


336.249


 91, 37.284,
336.249


 11, 37.284,
336.249


 11, 37.284,
336.249

 11, 37.037,
336.278

 12, 34.462,
335.660

 13, 32.084,
334.979

 14, 29.181,
334.316

 16, 25.699,
333.680

 17, 21.792,
333.064

■ 19, 17.600,
332.464

■ 21, 13.245,
331.877

■ 22, 8.818, 331.303

■ 24, 4.388, 330.735

Harmonies

Complementary

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



11, 37.284, 336.249



22, 39.023, 140.842

Rectangle

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



11, 37.284, 336.249



11, 37.284, 26.249



11, 37.284, 156.249



11, 37.284, 206.249

Sweetspot

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



11, 37.037, 336.278



27, 16.558, 331.955



4, 43.473, 304.911



12, 11.101, 332.040



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, 37.037, 336.278



16, 44.055, 336.714



10, 30.937, 11.216



10, 2.394, 330.642



20, 48.565, 336.920



50, 89.500, 337.774

Inverse Universe

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



11, 37.037, 336.278



16, 44.055, 336.714



23, 25.107, 163.636



10, 2.394, 330.642



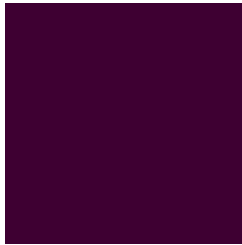
20, 48.565, 336.920



50, 89.500, 337.774

Previews

White Background



This preview shows how the CIE LCh color 11, 37.284, 336.249 looks on a white background.

Color Contrast Check

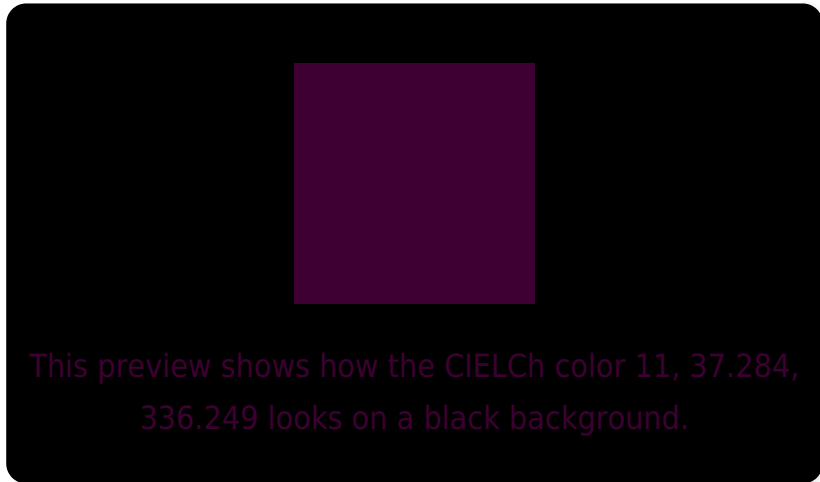
Large Text (above 18pt) WCAG AA ✓ Pass

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

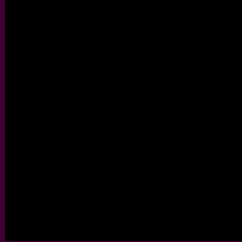
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 37.284, 336.249

Background



This preview shows how black text looks on a background with the CIELCh color 11, 37.284, 336.249.



This preview shows how white text looks on a background with the CIELCh color 11, 37.284, 336.249.

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, 36.834, 336.374

Protanopia
13, 26.999, 281.371

Deuteranopia
13, 9.410, 282.499



Tritanopia
13, 21.881, 25.059

Trichromacy



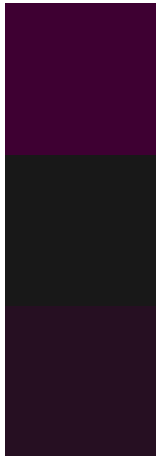
Original Color
11, 36.834, 336.374

Protanomaly
10, 30.814, 300.210

Deuteranomaly
11, 20.582, 319.784

Tritanomaly
12, 25.176, 359.910

Monochromacy



Original Color
11, 36.834, 336.374

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, 37.284, 336.249 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(62, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(62, 0, 50)  
}
```

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(62, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 0, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 37.284, 336.249 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(62, 0, 50) }
```

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

```
.border{ border-color:rgb(62, 0, 50) }
```

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

Here you see how a box with a 4 pixel rgb(62, 0, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 0, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 0, 50); box-shadow:4px  
4px 4px 4px rgb(62, 0, 50) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 37.284, 336.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 0, 50) }
```

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

```
.background{ background-color: rgb(62, 0,  
50) }
```

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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