

Converting Colors

CIELCh(31, 60.752, 343.394)

Have a look what the booklet for
CIELCh(31, 60.752, 343.394)
contains.

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Color

CIELCh(31, 60.372, 343.630)

Conversions

Conversions Part 1

Format	Color
Hex	8E0065
RGB	142, 0, 101
RGB Percent	56%, 0%, 40%
CMY	0.4441, 1.0000, 0.6048
CMYK	0.00, 1.00, 0.29, 0.44
HSL	317°, 100%, 28%
HSV	317°, 100%, 56%
XYZ	13.4433, 6.6515, 12.8295
YIQ	53.9720, 52.2110, 61.5150

Conversions

Conversions Part 2

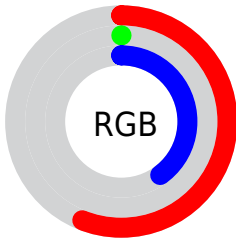
Format	Color
R_{YB}	142, 0, 101
Decimal	9306213
CIE Lab	31.00, 57.92, -17.02
CIE LCh	31, 60.372, 343.630
Yxy	6.6515, 0.4083, 0.2020
Android (android.graphics.Color)	4287496293 (0xFF8E0065)
YUV	53.9720, 23.1848, 77.2006
Hunter-Lab	25.7905, 47.9097, -11.4404

Details

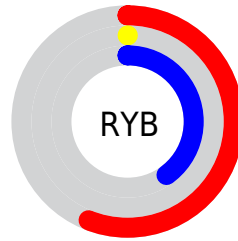
The CIELCh color **31, 60.372, 343.630** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **51, 68.304, 141.266**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 60.321, 343.835**, and **17, 40.895, 348.851** is the 20% darker color. If you saturate the color by 10%, you get **31, 60.282, 343.647**, and if you desaturate by 10%, it is **32, 59.061, 342.066**.

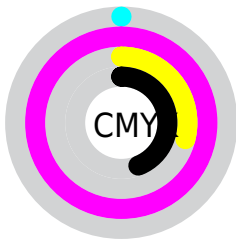
Distribution



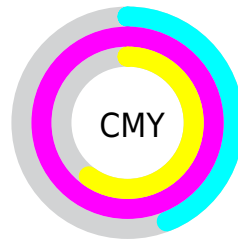
- Red (56%)
- Green (0%)
- Blue (40%)



- Red (56%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (44%)





- Cyan (44%)
- Magenta (100%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 60.372, 343.630 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 31, 60.372, 343.630 by changing the saturation by 10% instead.


 31, 60.372,
343.630


 31, 60.372,
343.630

 100, 60.372,
343.630


 21, 60.372,
343.630

 51, 60.372,
343.630


 11, 60.372,
343.630


 61, 60.372,
343.630

 1, 60.372, 343.630

 71, 60.372,
343.630

 0, 60.372, 343.630

 81, 60.372,
343.630

 91, 60.372,
343.630

■ 31, 60.372,
343.630

■ 31, 60.372,
343.630

■ 31, 60.282,
343.647

■ 32, 59.061,
342.066

■ 33, 56.558,
340.676

■ 35, 52.341,
339.496

■ 38, 46.660,
338.466

■ 41, 39.872,
337.545

■ 44, 32.340,
336.701

■ 47, 24.379,
335.916

■ 51, 16.231,

335.177

■ 55, 8.069, 334.470

Harmonies

Complementary

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



31, 60.372, 343.630



51, 68.304, 141.266

Rectangle

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



31, 60.372, 343.630



31, 60.372, 33.630



31, 60.372, 163.630



31, 60.372, 213.630

Sweetspot

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



31, 60.282, 343.647



60, 30.107, 335.964



17, 83.895, 308.305



29, 20.444, 336.249



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31, 60.282, 343.647



41, 72.643, 344.074



29, 58.771, 26.866



28, 4.581, 334.412



29, 58.280, 343.559



1, 3.072, 333.844

Inverse Universe

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



31, 60.282, 343.647



41, 72.643, 344.074



52, 40.782, 169.635



28, 4.581, 334.412



29, 58.280, 343.559



1, 3.072, 333.844

Previews

White Background



This preview shows how the CIELCh color 31, 60.372, 343.630 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



This preview shows how the CIE LCh color 31, 60.372, 343.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

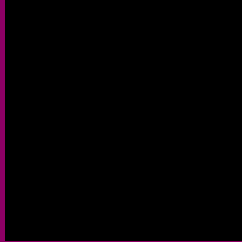
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 60.372, 343.630

Background



This preview shows how black text looks on a background with the CIELCh color 31, 60.372, 343.630.

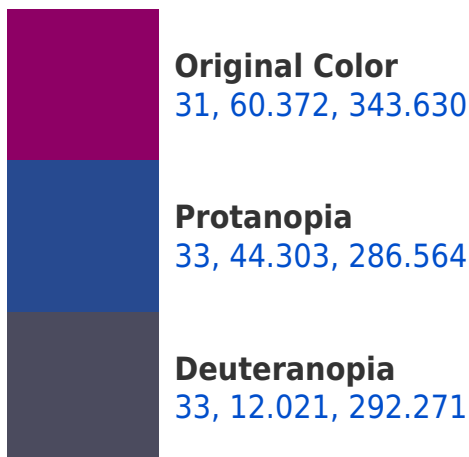


This preview shows how white text looks on a background with the CIELCh color 31, 60.372, 343.630.

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





Tritanopia
32, 47.324, 28.720

Trichromacy



Original Color
31, 60.372, 343.630

Protanomaly
27, 52.436, 308.139

Deuteranomaly
28, 35.724, 328.724

Tritanomaly
31, 49.159, 8.646

Monochromacy



Original Color
31, 60.372, 343.630

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 31.451, 338.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 60.372, 343.630 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(142, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(142, 0, 101)  
}
```

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(142, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 60.372, 343.630 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(142, 0, 101) }
```

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

```
.border{ border-color:rgb(142, 0, 101) }
```

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

Here you see how a box with a 4 pixel rgb(142, 0, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(142, 0,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 60.372, 343.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 101) }
```

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

```
.background{ background-color: rgb(142, 0,  
101) }
```

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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