

Converting Colors

CIELCh(31, 60.919, 328.773)

Have a look what the booklet for
CIELCh(31, 60.919, 328.773)
contains.

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Color

CIELCh(31, 60.923, 328.935)

Conversions

Conversions Part 1

Format	Color
Hex	7E1B7B
RGB	126, 27, 123
RGB Percent	49%, 11%, 48%
CMY	0.5058, 0.8940, 0.5176
CMYK	0.00, 0.79, 0.02, 0.51
HSL	302°, 65%, 30%
HSV	302°, 79%, 49%
XYZ	12.5743, 6.6515, 19.3640
YIQ	67.5450, 28.1880, 50.8440

Conversions

Conversions Part 2

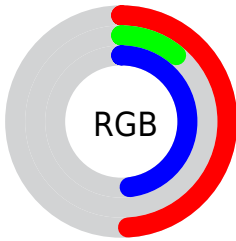
Format	Color
R_{YB}	126, 27, 123
Decimal	8264571
CIE _{Lab}	31.00, 52.19, -31.44
CIE _{LCh}	31, 60.923, 328.935
Yxy	6.6515, 0.3258, 0.1724
Android (android.graphics.Color)	4286454651 (0xFF7E1B7B)
YUV	67.5450, 27.3393, 51.2650
Hunter-Lab	25.7905, 41.8950, -26.4628

Details

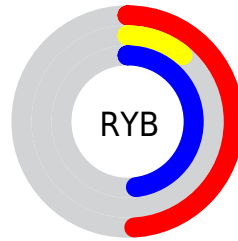
The CIELCh color **31, 60.923, 328.935** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **46, 62.663, 138.133**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 61.187, 329.070**, and **15, 47.305, 327.750** is the 20% darker color. If you saturate the color by 10%, you get **30, 64.426, 329.195**, and if you desaturate by 10%, it is **33, 55.853, 328.608**.

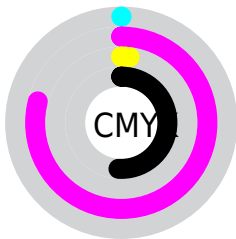
Distribution



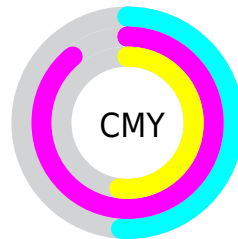
- Red (49%)
- Green (11%)
- Blue (48%)



- Red (49%)
- Yellow (11%)
- Blue (48%)



- Cyan (0%)
- Magenta (79%)
- Yellow (2%)
- Black (51%)





- Cyan (51%)
- Magenta (89%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 60.923, 328.935 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, 60.923, 328.935 by changing the saturation by 10% instead.


 31, 60.923,
328.935


 31, 60.923,
328.935

 100, 60.923,
328.935


 21, 60.923,
328.935

 51, 60.923,
328.935


 11, 60.923,
328.935


 61, 60.923,
328.935

 1, 60.923, 328.935

 71, 60.923,
328.935

 0, 60.923, 328.935

 81, 60.923,
328.935

 91, 60.923,
328.935

■ 31, 60.923,
328.935

■ 31, 60.923,
328.935

■ 30, 64.426,
329.195

■ 33, 55.853,
328.608

■ 29, 66.674,
329.404

■ 35, 49.438,
328.217

■ 29, 66.991,
329.433

■ 37, 41.979,
327.772

■ 40, 33.799,
327.286

■ 43, 25.184,
326.770

■ 46, 16.365,
326.236

■ 50, 7.514, 325.689

■ 53, 1.249, 145.336

Harmonies

Complementary

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



31, 60.923, 328.935



46, 62.663, 138.133

Rectangle

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



31, 60.923, 328.935



31, 60.923, 18.935



31, 60.923, 148.935



31, 60.923, 198.935

Sweetspot

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



31, 60.921, 328.935



57, 26.165, 326.558



18, 65.487, 303.167



28, 17.878, 326.714



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



31, 60.921, 328.935



39, 79.703, 329.351



29, 45.523, 355.247



25, 4.998, 325.720



29, 67.558, 329.435



0, 0.000, 0.000

Inverse Universe

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



31, 60.921, 328.935



39, 79.703, 329.351



47, 43.486, 155.048



25, 4.998, 325.720



29, 67.558, 329.435



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 31, 60.923, 328.935 looks on a white background.

Color Contrast Check

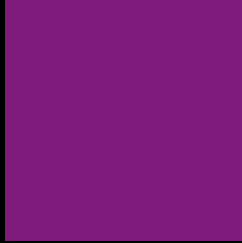
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 31, 60.923, 328.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

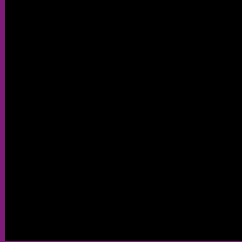
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 60.923, 328.935

Background



This preview shows how black text looks on a background with the CIELCh color 31, 60.923, 328.935.

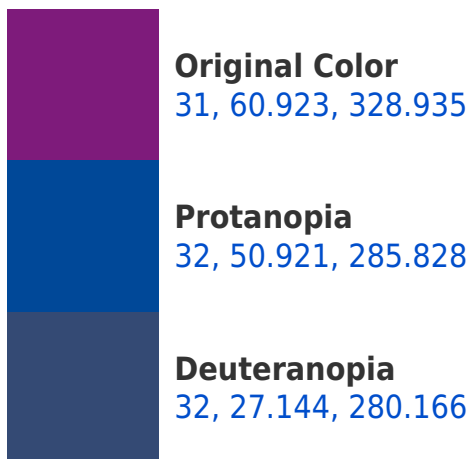


This preview shows how white text looks on a background with the CIELCh color 31, 60.923, 328.935.

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
31, 31.462, 21.404

Trichromacy



Original Color
31, 60.923, 328.935

Protanomaly
28, 54.521, 297.070

Deuteranomaly
29, 40.378, 307.190

Tritanomaly
31, 38.182, 352.603

Monochromacy



Original Color
31, 60.923, 328.935

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 26.666, 327.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 60.923, 328.935 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(126, 27, 123)` looks like.

```
.text, #text, p{  
    color:rgb(126, 27, 123)  
}
```

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(126, 27, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 27, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 60.923, 328.935 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(126, 27, 123) }
```

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

```
.border{ border-color:rgb(126, 27, 123) }
```

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

Here you see how a box with a 4 pixel rgb(126, 27, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 27, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 27, 123);  
box-shadow:4px 4px 4px 4px rgb(126, 27,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 60.923, 328.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 27, 123) }
```

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

```
.background{ background-color: rgb(126, 27,  
123) }
```

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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