

Converting Colors

CIELCh(31, 64.628, 326.710)

Have a look what the booklet for
CIELCh(31, 64.628, 326.710)
contains.

CIELCh(31, 64.480, 326.689)	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(31, 64.480, 326.689)

Conversions

Conversions Part 1

Format	Color
Hex	7D1881
RGB	125, 24, 129
RGB Percent	49%, 9%, 51%
CMY	0.5085, 0.9041, 0.4928
CMYK	0.03, 0.81, 0.00, 0.49
HSL	298°, 68%, 30%
HSV	298°, 81%, 51%
XYZ	12.8277, 6.6515, 21.4903
YIQ	66.1690, 26.4910, 54.0670

Conversions

Conversions Part 2

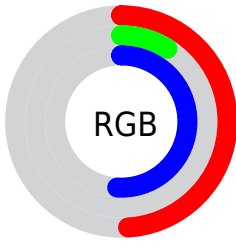
Format	Color
R_{YB}	125, 24, 129
Decimal	8198273
CIE _{Lab}	31.00, 53.89, -35.41
CIE _{LCh}	31, 64.480, 326.689
Yxy	6.6515, 0.3131, 0.1624
Android (android.graphics.Color)	4286388353 (0xFF7D1881)
YUV	66.1690, 30.9757, 51.5948
Hunter-Lab	25.7905, 43.6493, -31.3508

Details

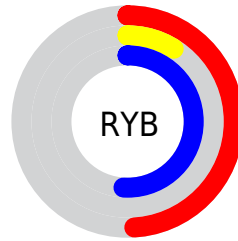
The CIELCh color **31, 64.480, 326.689** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47, 65.741, 136.873**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 64.144, 326.921**, and **15, 49.664, 325.079** is the 20% darker color. If you saturate the color by 10%, you get **30, 67.843, 326.768**, and if you desaturate by 10%, it is **33, 59.476, 326.504**.

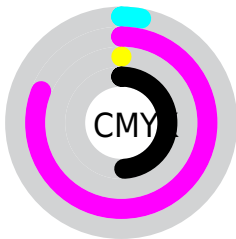
Distribution



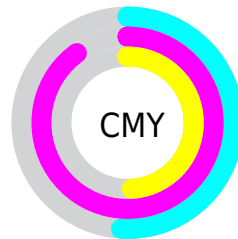
- Red (49%)
- Green (9%)
- Blue (51%)



- Red (49%)
- Yellow (9%)
- Blue (51%)



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)





- Cyan (51%)
- Magenta (90%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 64.480, 326.689 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, 64.480, 326.689 by changing the saturation by 10% instead.


 31, 64.480,
326.689

 31, 64.480,
326.689

 100, 64.480,
326.689


 21, 64.480,
326.689

 51, 64.480,
326.689

 11, 64.480,
326.689


 61, 64.480,
326.689

 1, 64.480, 326.689

 71, 64.480,
326.689

 0, 64.480, 326.689

 81, 64.480,
326.689

 91, 64.480,
326.689

■ 31, 64.480,
326.689

■ 31, 64.480,
326.689

■ 30, 67.843,
326.768

■ 33, 59.476,
326.504

■ 29, 69.968,
326.783

■ 35, 53.037,
326.222

■ 37, 45.471,
325.859

■ 40, 37.113,
325.436

■ 43, 28.270,
324.969

■ 47, 19.186,
324.475

■ 50, 10.048,
323.965

■ 54, 0.985, 323.298

Harmonies

Complementary

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



31, 64.480, 326.689



47, 65.741, 136.873

Rectangle

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



31, 64.480, 326.689



31, 64.480, 16.689



31, 64.480, 146.689



31, 64.480, 196.689

Sweetspot

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



31, 64.478, 326.689



58, 27.092, 324.649



19, 65.877, 302.146



29, 18.523, 324.797



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



31, 64.478, 326.689



39, 84.174, 326.758



29, 48.528, 351.029



25, 5.042, 323.860



29, 69.254, 326.785



0, 0.000, 0.000

Inverse Universe

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



28, 50.930, 30.886



35, 73.334, 37.496



48, 48.386, 151.237



25, 2.952, 16.795



25, 59.986, 36.839



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 31, 64.480, 326.689 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, 64.480, 326.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

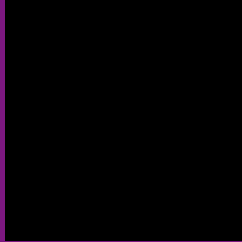
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 64.480, 326.689

Background



This preview shows how black text looks on a background with the CIELCh color 31, 64.480, 326.689.



This preview shows how white text looks on a background with the CIELCh color 31, 64.480, 326.689.

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

31, 64.480, 326.689

Protanopia

32, 50.921, 285.828

Deuteranopia

32, 30.470, 278.815



Tritanopia
31, 29.589, 21.741

Trichromacy



Original Color
31, 64.480, 326.689

Protanomaly
28, 57.004, 297.799

Deuteranomaly
29, 43.875, 304.389

Tritanomaly
30, 38.304, 349.066

Monochromacy



Original Color
31, 64.480, 326.689

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 28.221, 324.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 64.480, 326.689 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(125, 24, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 24, 129)  
}
```

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(125, 24, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 24, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 64.480, 326.689 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(125, 24, 129) }
```

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

```
.border{ border-color:rgb(125, 24, 129) }
```

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

Here you see how a box with a 4 pixel rgb(125, 24, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 24, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 24, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 24,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 64.480, 326.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 24, 129) }
```

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

```
.background{ background-color: rgb(125, 24,  
129) }
```

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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