

Converting Colors

CIELCh(31, 75.429, 325.055)

Have a look what the booklet for
CIELCh(31, 75.429, 325.055)
contains.

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Color

CIELCh(31, 75.126, 325.011)

Conversions

Conversions Part 1

Format	Color
Hex	82008E
RGB	130, 0, 142
RGB Percent	51%, 0%, 56%
CMY	0.4914, 1.0000, 0.4443
CMYK	0.08, 1.00, 0.00, 0.44
HSL	295°, 100%, 28%
HSV	295°, 100%, 56%
XYZ	14.0121, 6.6515, 26.0210
YIQ	55.0580, 31.8980, 71.7220

Conversions

Conversions Part 2

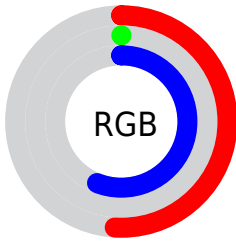
Format	Color
R _Y B	130, 0, 142
Decimal	8519822
CIE Lab	31.00, 61.55, -43.08
CIE LCh	31, 75.126, 325.011
Yxy	6.6515, 0.3001, 0.1425
Android (android.graphics.Color)	4286709902 (0xFF82008E)
YUV	55.0580, 42.8624, 65.7241
Hunter-Lab	25.7905, 51.8462, -41.7665

Details

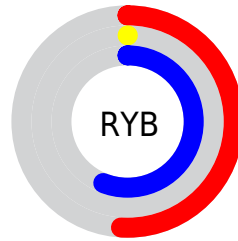
The CIELCh color **31, 75.126, 325.011** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **51, 76.831, 135.528**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 74.775, 325.201**, and **17, 55.217, 321.991** is the 20% darker color. If you saturate the color by 10%, you get **31, 75.014, 325.001**, and if you desaturate by 10%, it is **32, 72.514, 325.111**.

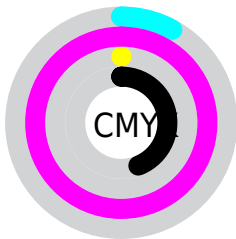
Distribution



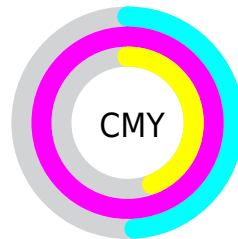
- Red (51%)
- Green (0%)
- Blue (56%)



- Red (51%)
- Yellow (0%)
- Blue (56%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)





- Cyan (49%)
- Magenta (100%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 75.126, 325.011 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, 75.126, 325.011 by changing the saturation by 10% instead.


 31, 75.126,
325.011


 31, 75.126,
325.011

 100, 75.126,
325.011


 21, 75.126,
325.011

 51, 75.126,
325.011


 11, 75.126,
325.011


 61, 75.126,
325.011

 1, 75.126, 325.011

 71, 75.126,
325.011

 0, 75.126, 325.011

 81, 75.126,
325.011

 91, 75.126,
325.011

■ 31, 75.126,
325.011

■ 31, 75.126,
325.011

■ 31, 75.014,
325.001

■ 32, 72.514,
325.111

■ 33, 68.664,
325.119

■ 35, 63.038,
324.993

■ 38, 55.901,
324.750

■ 41, 47.617,
324.415

■ 44, 38.560,
324.012

■ 47, 29.052,
323.564

■ 51, 19.346,

323.090

■ 55, 9.622, 322.600

Harmonies

Complementary

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



31, 75.126, 325.011



51, 76.831, 135.528

Rectangle

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



31, 75.126, 325.011



31, 75.126, 15.011



31, 75.126, 145.011



31, 75.126, 195.011

Sweetspot

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



31, 75.014, 325.001



60, 35.886, 323.593



17, 81.324, 304.592



29, 24.371, 323.762



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, 75.014, 325.001



41, 90.778, 324.935



30, 56.648, 352.177



28, 5.464, 322.559



29, 72.474, 325.015



1, 3.667, 322.137

Inverse Universe

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



29, 63.857, 35.604



38, 78.154, 36.570



51, 62.568, 145.164



28, 3.261, 13.032



27, 61.493, 35.322



0, 2.141, 12.388

Previews

White Background



This preview shows how the CIELCh color 31, 75.126, 325.011 looks on a white background.

Color Contrast Check

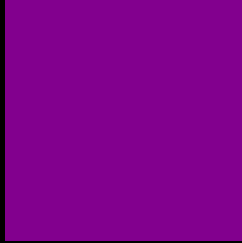
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.126, 325.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

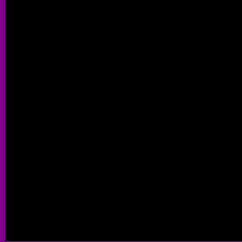
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 75.126, 325.011

Background



This preview shows how black text looks on a background with the CIELCh color 31, 75.126, 325.011.



This preview shows how white text looks on a background with the CIELCh color 31, 75.126, 325.011.

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, 75.126, 325.011

Protanopia

32, 51.367, 285.565

Deuteranopia

32, 36.375, 277.436



Tritanopia
32, 30.450, 21.955

Trichromacy



Original Color
31, 75.126, 325.011

Protanomaly
26, 65.864, 301.163

Deuteranomaly
27, 55.920, 303.863

Tritanomaly
30, 44.555, 345.610

Monochromacy



Original Color
31, 75.126, 325.011

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 37.548, 324.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 75.126, 325.011 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(130, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 142)  
}
```

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(130, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 75.126, 325.011 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(130, 0, 142) }
```

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

```
.border{ border-color:rgb(130, 0, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 0, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(130, 0,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 75.126, 325.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 142) }
```

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

```
.background{ background-color: rgb(130, 0,  
142) }
```

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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