

Converting Colors

CIELCh(80, 30.921, 130.767)

Have a look what the booklet for
CIELCh(80, 30.921, 130.767)
contains.

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Color

CIELCh(80, 31.024, 131.071)

Conversions

Conversions Part 1

Format	Color
Hex	B0D09A
RGB	176, 208, 154
RGB Percent	69%, 82%, 60%
CMY	0.3098, 0.1843, 0.3960
CMYK	0.15, 0.00, 0.26, 0.18
HSL	96°, 36%, 71%
HSV	96°, 26%, 82%
XYZ	46.2984, 56.6813, 39.0762
YIQ	192.2760, -1.7380, -23.5780

Conversions

Conversions Part 2

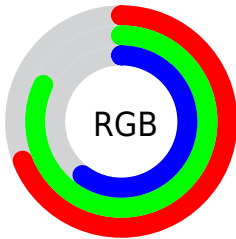
Format	Color
RYB	154, 208, 186
Decimal	11587738
CIELab	80.00, -20.38, 23.39
CIELCh	80, 31.024, 131.071
Yxy	56.6813, 0.3259, 0.3990
Android (android.graphics.Color)	4289777818 (0xFFB0D09A)
YUV	192.2760, -18.8701, -14.2741
Hunter-Lab	75.2870, -21.9820, 21.9276

Details

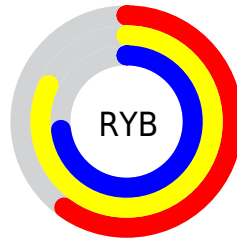
The CIELCh color **80, 31.024, 131.071** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 31.910, 313.377**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.842, 128.247**, and **60, 31.061, 131.256** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.834, 130.577**, and if you desaturate by 10%, it is **81, 19.073, 131.553**.

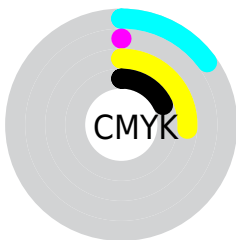
Distribution



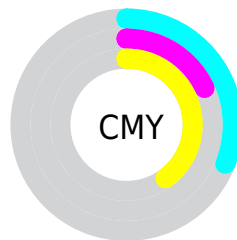
- Red (69%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (31%)
- Magenta (18%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 31.024, 131.071 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 80, 31.024, 131.071 by changing the saturation by 10% instead.


 80, 31.024,
131.071


 80, 31.024,
131.071


 100, 31.024,
131.071


 70, 31.024,
131.071


 60, 31.024,
131.071

 50, 31.024,
131.071

 40, 31.024,
131.071

 30, 31.024,
131.071

 20, 31.024,
131.071

 10, 31.024,

131.071

■ 0, 31.024, 131.071

■ 80, 31.024,
131.071

■ 80, 31.024,
131.071

■ 79, 42.834,
130.577

■ 81, 19.073,
131.553

■ 78, 54.321,
130.094

■ 83, 7.100, 132.012

■ 77, 65.236,
129.672

■ 84, 4.805, 312.365

■ 76, 75.227,
129.389

■ 86, 16.580,
312.753

■ 75, 83.829,
129.357

■ 87, 26.729,
314.286

■ 88, 28.563,
322.408

■ 75, 90.531,
129.704

■ 89, 29.457,
325.450

■ 74, 94.988,
130.523

■ 74, 96.389,
130.900

Harmonies

Complementary

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



80, 31.024, 131.071



68, 31.910, 313.377

Rectangle

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



80, 31.024, 131.071



80, 31.024, 181.071



80, 31.024, 311.071



80, 31.024, 1.071

Sweetspot

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



80, 31.026, 131.072



99, 11.252, 131.914



76, 19.188, 80.496



52, 8.002, 131.845



0, 0.000, 0.000



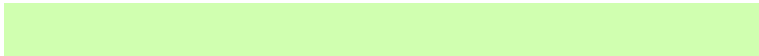
53, 0.007, 296.813

Same Dimension

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



80, 31.026, 131.072



95, 43.647, 130.805



79, 33.221, 144.976



43, 6.797, 131.855



61, 82.123, 130.672



14, 26.984, 132.739

Inverse Universe

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



68, 31.910, 313.377



78, 45.170, 313.631



70, 33.257, 328.256



41, 6.872, 312.619



28, 89.565, 314.284



3, 27.362, 311.227

Previews

White Background



This preview shows how the CIELCh color 80, 31.024, 131.071 looks on a white 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

Black Background



This preview shows how the CIE LCh color 80, 31.024, 131.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

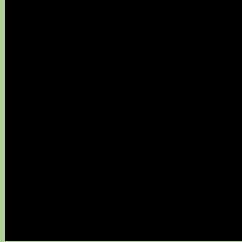
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 31.024, 131.071

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.024, 131.071.



This preview shows how white text looks on a background with the CIELCh color 80, 31.024, 131.071.

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
80, 9.875, 259.153

Trichromacy



Original Color
80, 31.024, 131.071

Protanomaly
80, 26.859, 110.288

Deuteranomaly
80, 21.911, 93.482

Tritanomaly
80, 9.366, 164.117

Monochromacy



Original Color
80, 31.024, 131.071

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.601, 132.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.024, 131.071 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(176, 208, 154)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 154)  
}
```

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(176, 208, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.024, 131.071 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(176, 208, 154) }
```

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

```
.border{ border-color:rgb(176, 208, 154) }
```

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

Here you see how a box with a 4 pixel rgb(176, 208, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 154);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.024, 131.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 154) }
```

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

```
.background{ background-color: rgb(176,  
208, 154) }
```

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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