

Converting Colors

CIELCh(76, 31.940, 142.651)

Have a look what the booklet for
CIELCh(76, 31.940, 142.651)
contains.

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Color

CIELCh(76, 31.530, 142.849)

Conversions

Conversions Part 1

Format	Color
Hex	97C797
RGB	151, 199, 151
RGB Percent	59%, 78%, 59%
CMY	0.4064, 0.2181, 0.4064
CMYK	0.24, 0.00, 0.24, 0.22
HSL	120°, 30%, 69%
HSV	120°, 24%, 78%
XYZ	38.9607, 49.8872, 37.0111
YIQ	179.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

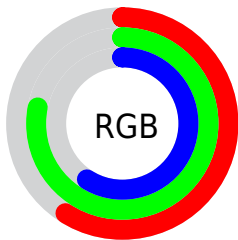
Format	Color
RYB	151, 199, 199
Decimal	9947031
CIELab	76.00, -25.13, 19.04
CIElCh	76, 31.530, 142.849
Yxy	49.8872, 0.3096, 0.3964
Android (android.graphics.Color)	4288137111 (0xFF97C797)
YUV	179.1760, -13.8908, -24.7104
Hunter-Lab	70.6309, -25.1416, 18.3733

Details

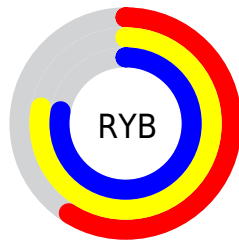
The CIELCh color **76, 31.530, 142.849** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 31.545, 325.740**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 31.127, 142.681**, and **56, 31.527, 142.841** is the 20% darker color. If you saturate the color by 10%, you get **75, 44.495, 141.986**, and if you desaturate by 10%, it is **78, 18.395, 143.595**.

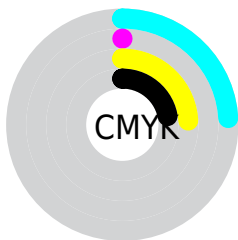
Distribution



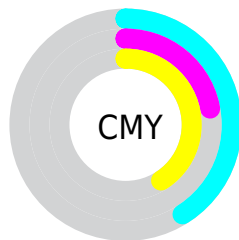
- Red (59%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 31.530, 142.849 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 76, 31.530, 142.849 by changing the saturation by 10% instead.


 76, 31.530,
142.849


 76, 31.530,
142.849


 100, 31.530,
142.849


 66, 31.530,
142.849


 96, 31.530,
142.849

 56, 31.530,
142.849

 46, 31.530,
142.849

 36, 31.530,
142.849

 26, 31.530,
142.849

 16, 31.530,
142.849

 6, 31.530, 142.849

0, 31.530, 142.849

76, 31.530,
142.849

76, 31.530,
142.849

75, 44.495,
141.986

78, 18.395,
143.595

73, 57.005,
141.004

80, 5.295, 144.259

72, 68.709,
139.919

82, 7.617, 324.709

71, 79.171,
138.785

84, 20.238,
325.181

71, 87.886,
137.699

86, 32.502,
325.566

70, 94.335,
136.802

87, 34.877,
325.637

■ 70, 98.160,
136.228

■ 70, 99.524,
136.016

Harmonies

Complementary

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



76, 31.530, 142.849



68, 31.545, 325.740

Rectangle

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



76, 31.530, 142.849



76, 31.530, 192.849



76, 31.530, 322.849



76, 31.530, 12.849

Sweetspot

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



76, 31.532, 142.849



98, 11.113, 144.059



79, 24.937, 107.157



52, 7.224, 144.020



0, 0.000, 0.000



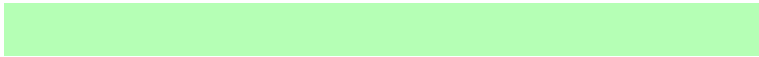
53, 0.007, 296.813

Same Dimension

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



76, 31.532, 142.849



94, 46.321, 142.404



77, 22.077, 160.643



41, 7.371, 143.911



58, 85.775, 136.016



11, 26.596, 143.589

Inverse Universe

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



68, 31.545, 325.740



83, 46.317, 326.025



68, 22.692, 344.872



39, 7.382, 324.930



39, 82.760, 328.229



4, 26.741, 327.022

Previews

White Background



This preview shows how the CIELCh color 76, 31.530, 142.849 looks on a white background.

Color Contrast Check

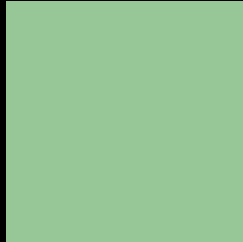
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 31.530, 142.849 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 76, 31.530, 142.849

Background



This preview shows how black text looks on a background with the CIELCh color 76, 31.530, 142.849.



This preview shows how white text looks on a background with the CIELCh color 76, 31.530, 142.849.

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
76, 31.530, 142.849

Protanopia
76, 22.561, 94.587

Deuteranopia
76, 19.534, 61.086



Tritanopia
76, 13.097, 237.057

Trichromacy



Original Color
76, 31.530, 142.849

Protanomaly
76, 23.721, 116.617

Deuteranomaly
76, 17.770, 102.088

Tritanomaly
76, 14.274, 180.706

Monochromacy



Original Color
76, 31.530, 142.849

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.236, 143.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 31.530, 142.849 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(151, 199, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 199, 151)  
}
```

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(151, 199, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 199, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 31.530, 142.849 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(151, 199, 151) }
```

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

```
.border{ border-color:rgb(151, 199, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 199, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 199, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 199, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 199,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 31.530, 142.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 199, 151) }
```

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

```
.background{ background-color: rgb(151,  
199, 151) }
```

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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