

Converting Colors

CIELCh(76, 30.460, 143.441)

Have a look what the booklet for
CIELCh(76, 30.460, 143.441)
contains.

CIELCh(76, 30.431, 143.450)	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(76, 30.431, 143.450)

Conversions

Conversions Part 1

Format	Color
Hex	98C799
RGB	152, 199, 153
RGB Percent	60%, 78%, 60%
CMY	0.4035, 0.2192, 0.3996
CMYK	0.24, 0.00, 0.23, 0.22
HSL	121°, 30%, 69%
HSV	121°, 24%, 78%
XYZ	39.1765, 49.8872, 37.7471
YIQ	179.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

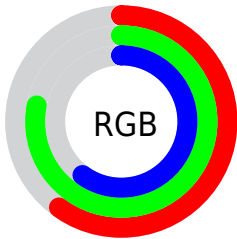
Format	Color
RYB	152, 198, 199
Decimal	10012569
CIELab	76.00, -24.45, 18.12
CIElCh	76, 30.431, 143.450
Yxy	49.8872, 0.3089, 0.3934
Android (android.graphics.Color)	4288202649 (0xFF98C799)
YUV	179.7030, -13.1646, -24.2955
Hunter-Lab	70.6309, -24.5962, 17.7554

Details

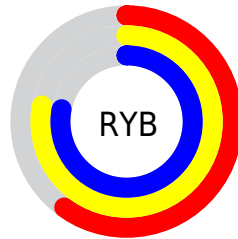
The CIELCh color **76, 30.431, 143.450** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 30.450, 326.301**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 30.073, 143.237**, and **56, 30.376, 143.513** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.217, 142.588**, and if you desaturate by 10%, it is **78, 17.494, 144.195**.

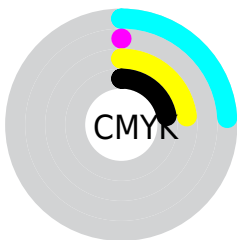
Distribution



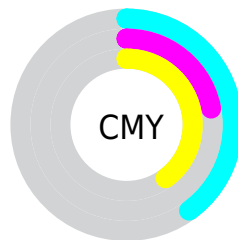
- Red (60%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 30.431, 143.450 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, 30.431, 143.450 by changing the saturation by 10% instead.


 76, 30.431,
143.450


 76, 30.431,
143.450


 100, 30.431,
143.450


 66, 30.431,
143.450


 96, 30.431,
143.450

 56, 30.431,
143.450

 46, 30.431,
143.450

 36, 30.431,
143.450

 26, 30.431,
143.450

 16, 30.431,
143.450

 6, 30.431, 143.450

0, 30.431, 143.450

76, 30.431,
143.450

76, 30.431,
143.450

75, 43.217,
142.588

78, 17.494,
144.195

73, 55.584,
141.601

80, 4.602, 144.865

72, 67.200,
140.501

82, 8.099, 325.309

71, 77.663,
139.332

84, 20.511,
325.779

71, 86.506,
138.176

86, 32.572,
326.167

70, 93.242,
137.163

87, 35.051,
325.643

■ 70, 97.494,
136.432

■ 70, 99.041,
136.173

Harmonies

Complementary

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



76, 30.431, 143.450



69, 30.450, 326.301

Rectangle

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



76, 30.431, 143.450



76, 30.431, 193.450



76, 30.431, 323.450



76, 30.431, 13.450

Sweetspot

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



76, 30.433, 143.450



98, 10.954, 144.629



79, 24.817, 108.623



52, 7.121, 144.589



0, 0.000, 0.000



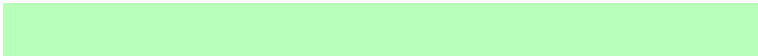
53, 0.007, 296.813

Same Dimension

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



76, 30.433, 143.450



94, 44.101, 143.052



77, 21.076, 162.439



41, 7.265, 144.480



58, 85.358, 136.216



11, 26.328, 143.950

Inverse Universe

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



69, 30.450, 326.301



83, 44.106, 326.562



68, 21.756, 346.694



39, 7.277, 325.505



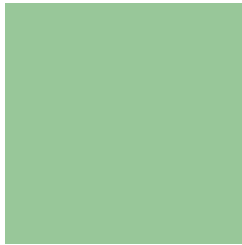
38, 81.408, 329.086



4, 26.263, 327.714

Previews

White Background



This preview shows how the CIELCh color 76, 30.431, 143.450 looks on a white background.

Color Contrast Check

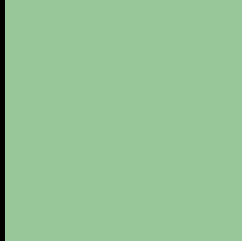
Large Text (above 18pt) WCAG AA × Fail

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 76, 30.431, 143.450 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, 30.431, 143.450

Background



This preview shows how black text looks on a background with the CIELCh color 76, 30.431, 143.450.

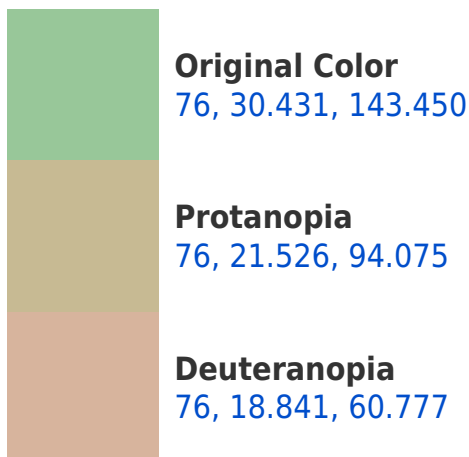


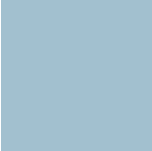
This preview shows how white text looks on a background with the CIELCh color 76, 30.431, 143.450.

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
76, 12.845, 237.962

Trichromacy



Original Color
76, 30.431, 143.450

Protanomaly
76, 22.680, 117.087

Deuteranomaly
76, 16.711, 101.807

Tritanomaly
76, 13.953, 180.319

Monochromacy



Original Color
76, 30.431, 143.450

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, 30.431, 143.450 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(152, 199, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 199, 153)  
}
```

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(152, 199, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 199, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 30.431, 143.450 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(152, 199, 153) }
```

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

```
.border{ border-color:rgb(152, 199, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 199, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 199,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 30.431, 143.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 199, 153) }
```

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

```
.background{ background-color: rgb(152,  
199, 153) }
```

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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