

Converting Colors

CIELCh(76, 34.183, 139.842)

Have a look what the booklet for
CIELCh(76, 34.183, 139.842)
contains.

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Color

CIELCh(76, 34.183, 139.842)

Conversions

Conversions Part 1

Format	Color
Hex	98C892
RGB	152, 200, 146
RGB Percent	60%, 78%, 57%
CMY	0.4050, 0.2168, 0.4285
CMYK	0.24, 0.00, 0.27, 0.22
HSL	113°, 33%, 68%
HSV	113°, 27%, 78%
XYZ	38.6487, 49.8872, 34.6733
YIQ	179.4920, -11.2740, -26.9700

Conversions

Conversions Part 2

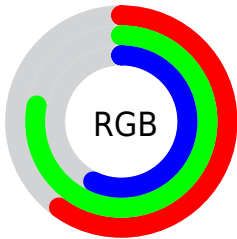
Format	Color
RYB	146, 200, 194
Decimal	10012818
CIELab	76.00, -26.13, 22.04
CIELCh	76, 34.183, 139.842
Yxy	49.8872, 0.3137, 0.4049
Android (android.graphics.Color)	4288202898 (0xFF98C892)
YUV	179.4920, -16.5116, -24.1105
Hunter-Lab	70.6309, -25.9301, 20.3357

Details

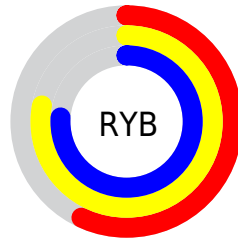
The CIELCh color **76, 34.183, 139.842** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 34.401, 322.687**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 33.083, 139.753**, and **56, 34.293, 139.654** is the 20% darker color. If you saturate the color by 10%, you get **75, 46.668, 139.104**, and if you desaturate by 10%, it is **78, 21.510, 140.498**.

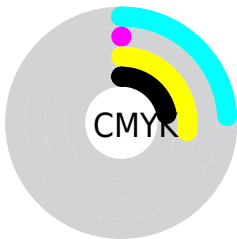
Distribution



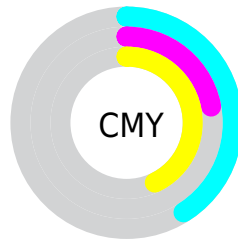
- Red (60%)
- Green (78%)
- Blue (57%)



- Red (57%)
- Yellow (78%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 34.183, 139.842 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, 34.183, 139.842 by changing the saturation by 10% instead.


 76, 34.183,
139.842


 76, 34.183,
139.842


 100, 34.183,
139.842


 66, 34.183,
139.842


 96, 34.183,
139.842

 56, 34.183,
139.842

 46, 34.183,
139.842

 36, 34.183,
139.842

 26, 34.183,
139.842

 16, 34.183,
139.842

 6, 34.183, 139.842

■ 0, 34.183, 139.842

■ 76, 34.183,
139.842

■ 76, 34.183,
139.842

■ 75, 46.668,
139.104

■ 78, 21.510,
140.498

■ 74, 58.709,
138.295

■ 79, 8.833, 141.080

■ 73, 69.977,
137.450

■ 81, 3.712, 321.477

■ 83, 16.028,
321.940

■ 72, 80.048,
136.639

■ 85, 28.055,
322.299

■ 71, 88.411,
135.971

■ 87, 34.678,
325.630

■ 71, 94.543,
135.579

■ 70, 98.167,
135.536

■ 70, 98.958,
135.513

Harmonies

Complementary

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



76, 34.183, 139.842



67, 34.401, 322.687

Rectangle

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



76, 34.183, 139.842



76, 34.183, 189.842



76, 34.183, 319.842



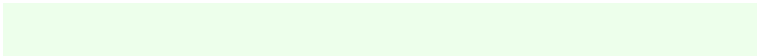
76, 34.183, 9.842

Sweetspot

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



76, 34.185, 139.843



98, 12.263, 141.019



78, 25.418, 102.082



52, 8.724, 140.933



0, 0.000, 0.000



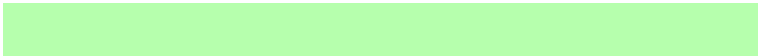
53, 0.007, 296.813

Same Dimension

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



76, 34.185, 139.843



94, 49.286, 139.452



76, 26.778, 155.603



41, 7.111, 140.948



58, 85.082, 135.423



11, 25.782, 141.446

Inverse Universe

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



67, 34.401, 322.687



80, 49.633, 322.938



66, 27.252, 339.997



39, 7.137, 321.831



35, 83.399, 323.980



4, 25.474, 322.422

Previews

White Background



This preview shows how the CIELCh color 76, 34.183, 139.842 looks on a white background.

Color Contrast Check

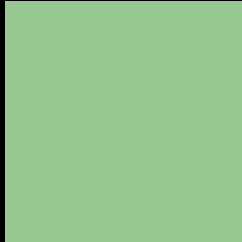
Large Text (above 18pt) WCAG AA × Fail

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, 34.183, 139.842 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, 34.183, 139.842

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.183, 139.842.

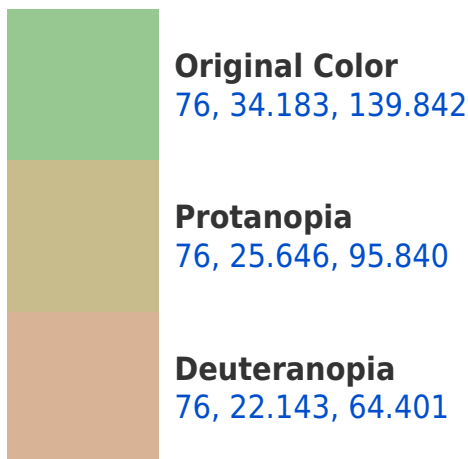


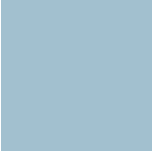
This preview shows how white text looks on a background with the CIELCh color 76, 34.183, 139.842.

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, 34.183, 139.842

Protanomaly
76, 26.876, 116.222

Deuteranomaly
75, 20.986, 101.603

Tritanomaly
76, 14.395, 176.300

Monochromacy



Original Color
76, 34.183, 139.842

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 12.810, 141.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.183, 139.842 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, 200, 146)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 146)  
}
```

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, 200, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.183, 139.842 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, 200, 146) }
```

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

```
.border{ border-color:rgb(152, 200, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 200, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 200, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 200, 146);  
box-shadow:4px 4px 4px 4px rgb(152, 200,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.183, 139.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 146) }
```

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

```
.background{ background-color: rgb(152,  
200, 146) }
```

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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