

Converting Colors

CIELCh(76, 21.571, 140.832)

Have a look what the booklet for
CIELCh(76, 21.571, 140.832)
contains.

CIELCh(76, 21.737, 141.093)	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, 21.737, 141.093)

Conversions

Conversions Part 1

Format	Color
Hex	A5C4A2
RGB	165, 196, 162
RGB Percent	65%, 77%, 64%
CMY	0.3542, 0.2327, 0.3660
CMYK	0.16, 0.00, 0.17, 0.23
HSL	115°, 22%, 70%
HSV	115°, 17%, 77%
XYZ	41.6038, 49.8872, 41.4660
YIQ	182.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

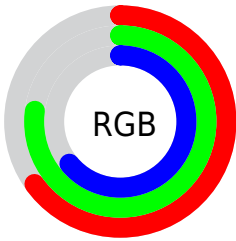
Format	Color
RYB	162, 196, 193
Decimal	10863778
CIELab	76.00, -16.92, 13.65
CIELCh	76, 21.737, 141.093
Yxy	49.8872, 0.3129, 0.3752
Android (android.graphics.Color)	4289053858 (0xFFA5C4A2)
YUV	182.8550, -10.2815, -15.6588
Hunter-Lab	70.6309, -18.4620, 14.6337

Details

The CIELCh color **76, 21.737, 141.093** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 21.822, 322.887**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.946, 141.406**, and **56, 21.696, 140.644** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.292, 140.413**, and if you desaturate by 10%, it is **78, 9.176, 141.694**.

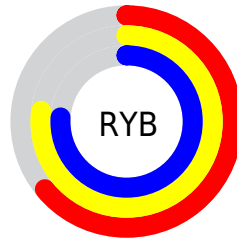
Distribution



Red (65%)

Green (77%)

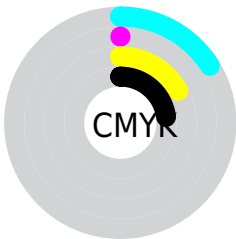
Blue (64%)



Red (64%)

Yellow (77%)

Blue (76%)

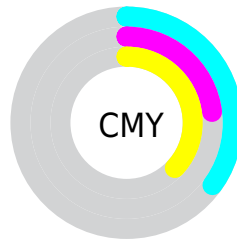


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (35%)


Magenta (23%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 21.737, 141.093 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, 21.737, 141.093 by changing the saturation by 10% instead.


 76, 21.737,
141.093


 76, 21.737,
141.093


 100, 21.737,
141.093


 66, 21.737,
141.093


 96, 21.737,
141.093

 56, 21.737,
141.093

 46, 21.737,
141.093

 36, 21.737,
141.093

 26, 21.737,
141.093

 16, 21.737,
141.093

 6, 21.737, 141.093

0, 21.737, 141.093

76, 21.737,
141.093

76, 21.737,
141.093

74, 34.292,
140.413

78, 9.176, 141.694

73, 46.642,
139.643

80, 3.257, 322.099

72, 58.530,
138.793

82, 15.461,
322.582

71, 69.621,
137.899

84, 27.371,
322.952

70, 79.490,
137.030

86, 37.016,
325.185

70, 87.629,
136.294

86, 37.215,
325.717

■ 69, 93.531,
135.827

■ 69, 96.960,
135.695

■ 69, 97.632,
135.645

Harmonies

Complementary

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



76, 21.737, 141.093



70, 21.822, 322.887

Rectangle

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



76, 21.737, 141.093



76, 21.737, 191.093



76, 21.737, 321.093



76, 21.737, 11.093

Sweetspot

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



76, 21.739, 141.094



99, 7.701, 141.828



77, 16.350, 103.985



53, 5.257, 141.786



0, 0.000, 0.000



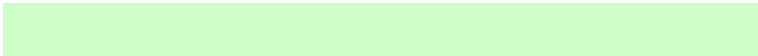
53, 0.007, 296.813

Same Dimension

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



76, 21.739, 141.094



96, 32.615, 140.835



76, 16.736, 157.264



40, 7.011, 141.579



58, 84.267, 135.568



10, 23.704, 142.421

Inverse Universe

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



70, 21.822, 322.887



87, 32.755, 323.082



70, 16.957, 339.958



38, 7.033, 322.484



35, 82.260, 324.840



4, 23.135, 322.478

Previews

White Background



This preview shows how the CIELCh color 76, 21.737, 141.093 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, 21.737, 141.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

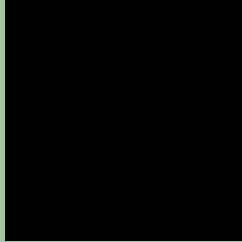
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 21.737, 141.093

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.737, 141.093.

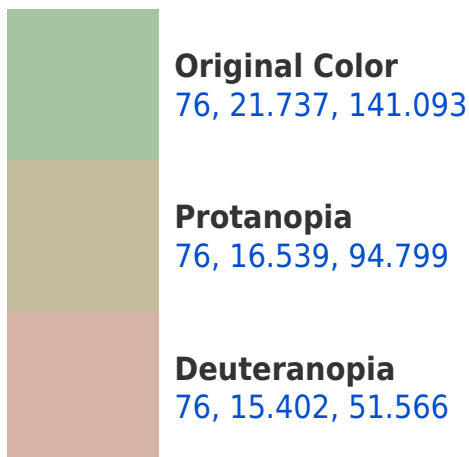


This preview shows how white text looks on a background with the CIELCh color 76, 21.737, 141.093.

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, 10.091, 252.491

Trichromacy



Original Color
76, 21.737, 141.093

Protanomaly
76, 16.693, 115.317

Deuteranomaly
76, 12.304, 92.461

Tritanomaly
76, 8.471, 187.779

Monochromacy



Original Color
76, 21.737, 141.093

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.358, 142.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.737, 141.093 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(165, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 162)  
}
```

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(165, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.737, 141.093 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(165, 196, 162) }
```

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

```
.border{ border-color:rgb(165, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(165, 196,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.737, 141.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 162) }
```

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

```
.background{ background-color: rgb(165,  
196, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor