

Converting Colors

CIELCh(76, 41.723, 142.482)

Have a look what the booklet for
CIELCh(76, 41.723, 142.482)
contains.

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Color

CIELCh(76, 42.024, 142.574)

Conversions

Conversions Part 1

Format	Color
Hex	8ACB8B
RGB	138, 203, 139
RGB Percent	54%, 80%, 55%
CMY	0.4594, 0.2045, 0.4555
CMYK	0.32, 0.00, 0.32, 0.20
HSL	121°, 38%, 67%
HSV	121°, 32%, 80%
XYZ	36.4242, 49.8872, 32.0789
YIQ	176.2690, -18.1960, -33.6840

Conversions

Conversions Part 2

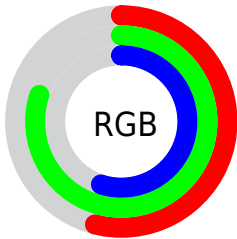
Format	Color
RYB	138, 202, 203
Decimal	9096075
CIELab	76.00, -33.37, 25.54
CIELCh	76, 42.024, 142.574
Yxy	49.8872, 0.3077, 0.4214
Android (android.graphics.Color)	4287286155 (0xFF8ACB8B)
YUV	176.2690, -18.3736, -33.5619
Hunter-Lab	70.6309, -31.5520, 22.5135

Details

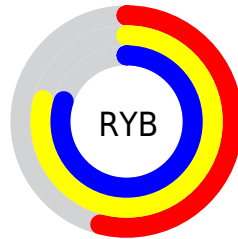
The CIELCh color **76, 42.024, 142.574** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 42.009, 326.595**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.868, 142.804**, and **56, 41.955, 142.507** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.710, 141.607**, and if you desaturate by 10%, it is **78, 28.957, 143.418**.

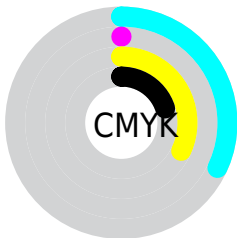
Distribution



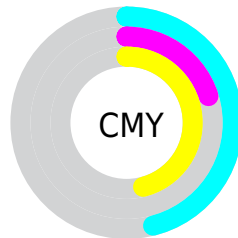
- Red (54%)
- Green (80%)
- Blue (55%)



- Red (54%)
- Yellow (79%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)





- Cyan (46%)
- Magenta (20%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 42.024, 142.574 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, 42.024, 142.574 by changing the saturation by 10% instead.


 76, 42.024,
142.574


 76, 42.024,
142.574


 100, 42.024,
142.574


 66, 42.024,
142.574


 96, 42.024,
142.574

 56, 42.024,
142.574

 46, 42.024,
142.574

 36, 42.024,
142.574

 26, 42.024,
142.574

 16, 42.024,
142.574

 6, 42.024, 142.574

0, 42.024, 142.574

76, 42.024,
142.574

76, 42.024,
142.574

75, 54.710,
141.607

78, 28.957,
143.418

74, 66.678,
140.526

79, 15.766,
144.146

73, 77.525,
139.370

81, 2.648, 144.841

72, 86.773,
138.220


83, 10.257,
325.233

72, 93.915,
137.201

86, 22.854,
325.686

71, 98.536,
136.457

88, 32.708,
325.562

 71, 100.536,
136.128

Harmonies

Complementary

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



76, 42.024, 142.574



66, 42.009, 326.595

Rectangle

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



76, 42.024, 142.574



76, 42.024, 192.574



76, 42.024, 322.574



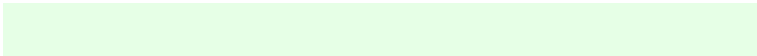
76, 42.024, 12.574

Sweetspot

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



76, 42.025, 142.574



98, 15.746, 144.273



80, 34.004, 107.094



52, 10.752, 144.178



0, 0.000, 0.000



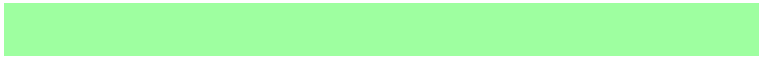
53, 0.007, 296.813

Same Dimension

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



76, 42.025, 142.574



92, 59.755, 141.963



77, 29.236, 160.648



42, 7.448, 144.322



59, 86.459, 136.159



12, 28.474, 143.165

Inverse Universe

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



66, 42.009, 326.595



78, 59.655, 326.930



65, 30.403, 346.662



40, 7.460, 325.349



39, 82.714, 328.850



5, 28.687, 327.993

Previews

White Background



This preview shows how the CIELCh color 76, 42.024, 142.574 looks on a white background.

Color Contrast Check

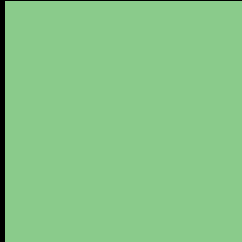
Large Text (above 18pt) WCAG AA × Fail

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, 42.024, 142.574 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, 42.024, 142.574

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.024, 142.574.

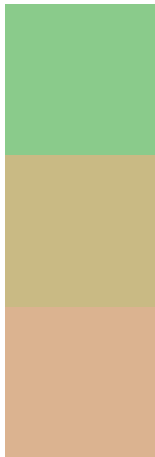


This preview shows how white text looks on a background with the CIELCh color 76, 42.024, 142.574.

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, 42.024, 142.574

Protanopia
76, 29.465, 95.258

Deuteranopia
76, 25.223, 67.660



Tritanopia
76, 16.209, 228.566

Trichromacy



Original Color
76, 42.024, 142.574



Protanomaly
75, 31.272, 117.665



Deuteranomaly
75, 24.535, 106.890



Tritanomaly
76, 19.651, 175.275

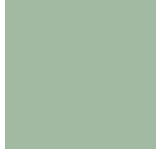
Monochromacy



Original Color
76, 42.024, 142.574



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 15.916, 143.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.024, 142.574 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(138, 203, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 203, 139)  
}
```

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(138, 203, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 203, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.024, 142.574 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(138, 203, 139) }
```

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

```
.border{ border-color:rgb(138, 203, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 203, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 203, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 203, 139);  
box-shadow:4px 4px 4px 4px rgb(138, 203,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.024, 142.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 203, 139) }
```

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

```
.background{ background-color: rgb(138,  
203, 139) }
```

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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