

Converting Colors

CIELCh(76, 37.950, 144.850)

Have a look what the booklet for
CIELCh(76, 37.950, 144.850)
contains.

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Color

CIELCh(76, 37.955, 144.955)

Conversions

Conversions Part 1

Format	Color
Hex	8CCA92
RGB	140, 202, 146
RGB Percent	55%, 79%, 57%
CMY	0.4510, 0.2079, 0.4275
CMYK	0.31, 0.00, 0.28, 0.21
HSL	126°, 37%, 67%
HSV	126°, 31%, 79%
XYZ	37.1203, 49.8872, 34.8640
YIQ	177.0780, -18.9760, -30.5600

Conversions

Conversions Part 2

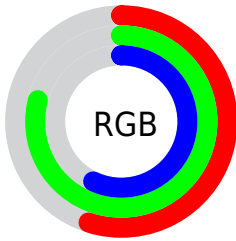
Format	Color
RYB	140, 197, 202
Decimal	9226898
CIELab	76.00, -31.07, 21.79
CIELCh	76, 37.955, 144.955
Yxy	49.8872, 0.3046, 0.4093
Android (android.graphics.Color)	4287416978 (0xFF8CCA92)
YUV	177.0780, -15.3215, -32.5174
Hunter-Lab	70.6309, -29.7928, 20.1756

Details

The CIELCh color **76, 37.955, 144.955** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 37.987, 328.950**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.521, 145.157**, and **56, 38.385, 145.032** is the 20% darker color. If you saturate the color by 10%, you get **75, 50.012, 143.973**, and if you desaturate by 10%, it is **78, 25.607, 145.805**.

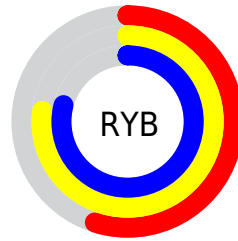
Distribution



Red (55%)

Green (79%)

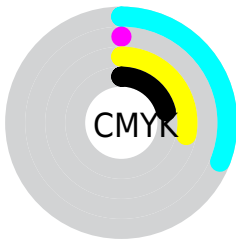
Blue (57%)



Red (55%)

Yellow (77%)

Blue (79%)

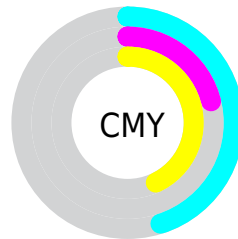


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (21%)



Cyan (45%)


Magenta (21%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.955, 144.955 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, 37.955, 144.955 by changing the saturation by 10% instead.


 76, 37.955,
144.955


 76, 37.955,
144.955


 100, 37.955,
144.955


 66, 37.955,
144.955


 96, 37.955,
144.955

 56, 37.955,
144.955

 46, 37.955,
144.955

 36, 37.955,
144.955

 26, 37.955,
144.955

 16, 37.955,
144.955

 6, 37.955, 144.955

0, 37.955, 144.955

76, 37.955,
144.955

76, 37.955,
144.955

75, 50.012,
143.973

78, 25.607,
145.805

74, 61.503,
142.852

79, 13.180,
146.539

73, 72.114,
141.603

81, 0.843, 147.472

72, 81.490,
140.267


83, 11.284,
327.639

72, 89.258,
138.922

86, 23.117,
328.104

71, 95.066,
137.686

87, 33.242,
325.581

 71, 98.578,
136.809

Harmonies

Complementary

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



76, 37.955, 144.955



66, 37.987, 328.950

Rectangle

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



76, 37.955, 144.955



76, 37.955, 194.955



76, 37.955, 324.955



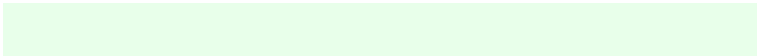
76, 37.955, 14.955

Sweetspot

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



76, 37.956, 144.955



98, 13.386, 146.647



80, 32.576, 110.887



52, 9.311, 146.546



0, 0.000, 0.000



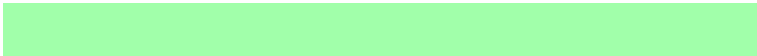
53, 0.007, 296.813

Same Dimension

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



76, 37.956, 144.955



93, 55.083, 144.301



77, 26.178, 165.425



42, 7.040, 146.628



59, 84.800, 136.958



12, 27.357, 144.555

Inverse Universe

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



66, 37.987, 328.950



78, 55.052, 329.347



65, 27.690, 351.528



40, 7.054, 327.690



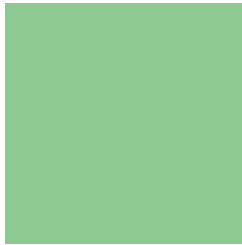
38, 77.637, 332.466



5, 26.854, 330.892

Previews

White Background



This preview shows how the CIELCh color 76, 37.955, 144.955 looks on a white background.

Color Contrast Check

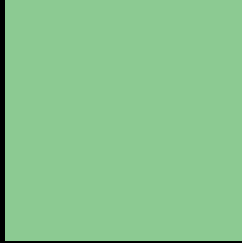
Large Text (above 18pt) WCAG AA × Fail

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, 37.955, 144.955 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, 37.955, 144.955

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.955, 144.955.

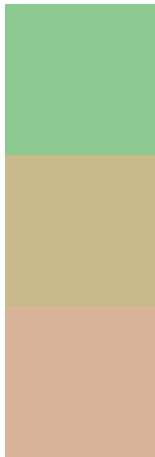


This preview shows how white text looks on a background with the CIELCh color 76, 37.955, 144.955.

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, 37.955, 144.955

Protanopia
76, 25.763, 94.928

Deuteranopia
76, 21.740, 63.509

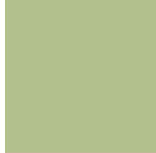


Tritanopia
76, 15.944, 229.133

Trichromacy



Original Color
76, 37.955, 144.955



Protanomaly
76, 27.181, 119.500



Deuteranomaly
75, 20.337, 105.984

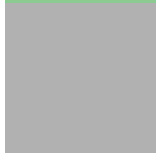


Tritanomaly
76, 18.333, 179.095

Monochromacy



Original Color
76, 37.955, 144.955



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 13.695, 146.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.955, 144.955 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(140, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(140, 202, 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(140, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 202, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.955, 144.955 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(140, 202, 146) }
```

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

```
.border{ border-color:rgb(140, 202, 146) }
```

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

Here you see how a box with a 4 pixel rgb(140, 202, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(140, 202,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.955, 144.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 202, 146) }
```

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

```
.background{ background-color: rgb(140,  
202, 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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