

Converting Colors

CIELCh(76, 27.066, 150.307)

Have a look what the booklet for
CIELCh(76, 27.066, 150.307)
contains.

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Color

CIELCh(76, 27.040, 150.317)

Conversions

Conversions Part 1

Format	Color
Hex	96C7A2
RGB	150, 199, 162
RGB Percent	59%, 78%, 64%
CMY	0.4121, 0.2199, 0.3650
CMYK	0.25, 0.00, 0.19, 0.22
HSL	135°, 30%, 68%
HSV	135°, 25%, 78%
XYZ	39.4788, 49.8872, 41.6911
YIQ	180.1310, -17.3270, -21.8950

Conversions

Conversions Part 2

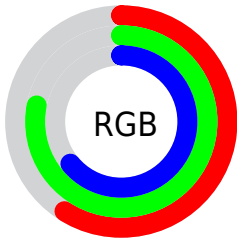
Format	Color
RYB	150, 189, 199
Decimal	9881506
CIELab	76.00, -23.49, 13.39
CIELCh	76, 27.040, 150.317
Yxy	49.8872, 0.3012, 0.3807
Android (android.graphics.Color)	4288071586 (0xFF96C7A2)
YUV	180.1310, -8.9386, -26.4249
Hunter-Lab	70.6309, -23.8323, 14.4447

Details

The CIELCh color **76, 27.040, 150.317** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 27.212, 333.781**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.423, 150.549**, and **56, 27.241, 150.033** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.906, 149.357**, and if you desaturate by 10%, it is **78, 16.038, 151.152**.

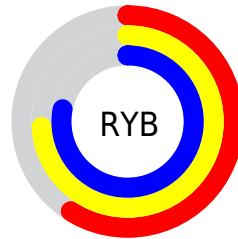
Distribution



Red (59%)

Green (78%)

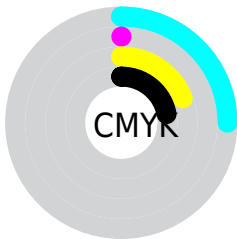
Blue (64%)



Red (59%)

Yellow (74%)

Blue (78%)

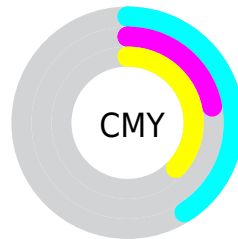


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (22%)



Cyan (41%)


Magenta (22%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.040, 150.317 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, 27.040, 150.317 by changing the saturation by 10% instead.


 76, 27.040,
150.317


 76, 27.040,
150.317


 100, 27.040,
150.317


 66, 27.040,
150.317


 96, 27.040,
150.317

 56, 27.040,
150.317

 46, 27.040,
150.317

 36, 27.040,
150.317

 26, 27.040,
150.317

 16, 27.040,
150.317

 6, 27.040, 150.317

■ 0, 27.040, 150.317

■ 76, 27.040,
150.317

■ 76, 27.040,
150.317

■ 75, 37.906,
149.357

■ 78, 16.038,
151.152

■ 73, 48.444,
148.249

■ 79, 5.046, 151.913

■ 72, 58.443,
146.977

■ 81, 5.815, 332.418

■ 83, 16.462,
333.000

■ 72, 67.677,
145.532

■ 86, 26.836,
333.490

■ 71, 75.928,
143.924

■ 87, 33.943,
327.131

■ 71, 83.006,
142.187

■ 87, 35.177,

■ 70, 88.768,
140.399

325.647

■ 70, 91.365,
139.513

Harmonies

Complementary

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



76, 27.040, 150.317



68, 27.212, 333.781

Rectangle

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



76, 27.040, 150.317



76, 27.040, 200.317



76, 27.040, 330.317



76, 27.040, 20.317

Sweetspot

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



76, 27.042, 150.317



98, 9.347, 151.723



78, 26.294, 117.688



52, 6.076, 151.677



0, 0.000, 0.000



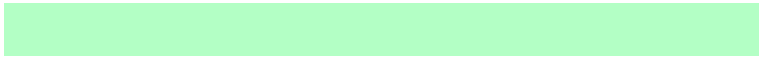
53, 0.007, 296.813

Same Dimension

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



76, 27.042, 150.317



94, 40.245, 149.776



77, 18.789, 175.973



41, 6.199, 151.552



58, 78.378, 139.788



11, 23.570, 148.214

Inverse Universe

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



68, 27.212, 333.781



81, 40.517, 334.200



67, 20.370, 0.917



39, 6.223, 332.722



36, 68.709, 340.868



4, 21.572, 337.367

Previews

White Background



This preview shows how the CIELCh color 76, 27.040, 150.317 looks on a white background.

Color Contrast Check

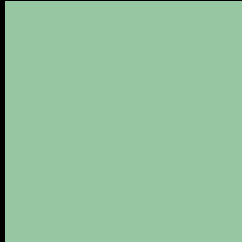
Large Text (above 18pt) WCAG AA × Fail

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, 27.040, 150.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

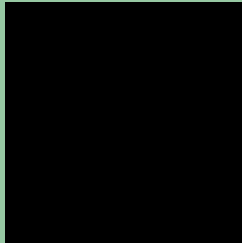
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 27.040, 150.317

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.040, 150.317.

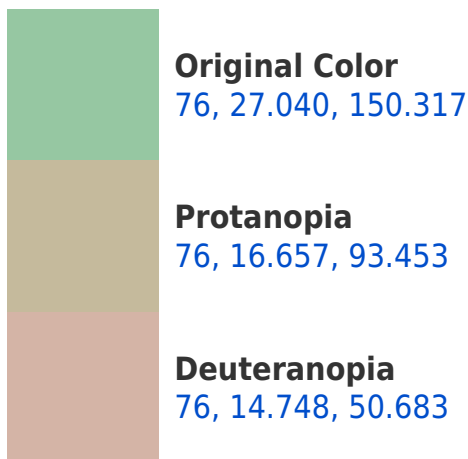


This preview shows how white text looks on a background with the CIELCh color 76, 27.040, 150.317.

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, 14.114, 233.772

Trichromacy



Original Color
76, 27.040, 150.317

Protanomaly
76, 18.170, 122.114

Deuteranomaly
75, 11.817, 105.293

Tritanomaly
76, 14.262, 189.606

Monochromacy



Original Color
76, 27.040, 150.317

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.175, 150.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.040, 150.317 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(150, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 199, 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(150, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 199, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.040, 150.317 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(150, 199, 162) }
```

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

```
.border{ border-color:rgb(150, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 199,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.040, 150.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 199, 162) }
```

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

```
.background{ background-color: rgb(150,  
199, 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](#).

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