

Converting Colors

CIELCh(76, 29.760, 150.717)

Have a look what the booklet for
CIELCh(76, 29.760, 150.717)
contains.

CIELCh(76, 29.684, 151.074)	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, 29.684, 151.074)

Conversions

Conversions Part 1

Format	Color
Hex	91C8A0
RGB	145, 200, 160
RGB Percent	57%, 78%, 63%
CMY	0.4312, 0.2155, 0.3724
CMYK	0.27, 0.00, 0.20, 0.22
HSL	136°, 33%, 68%
HSV	136°, 27%, 78%
XYZ	38.6939, 49.8872, 40.8636
YIQ	178.9950, -19.9400, -24.1000

Conversions

Conversions Part 2

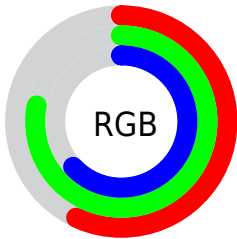
Format	Color
RYB	145, 188, 200
Decimal	9554080
CIELab	76.00, -25.98, 14.36
CIElCh	76, 29.684, 151.074
Yxy	49.8872, 0.2989, 0.3854
Android (android.graphics.Color)	4287744160 (0xFF91C8A0)
YUV	178.9950, -9.3645, -29.8136
Hunter-Lab	70.6309, -25.8160, 15.1394

Details

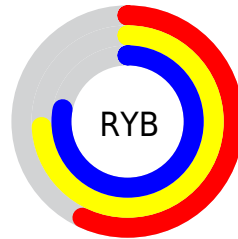
The CIELCh color **76, 29.684, 151.074** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 29.932, 335.105**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.371, 151.584**, and **56, 29.981, 150.663** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.292, 150.059**, and if you desaturate by 10%, it is **78, 18.887, 151.956**.

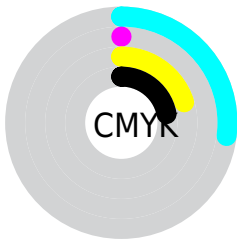
Distribution



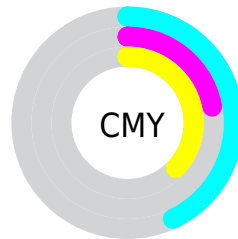
- Red (57%)
- Green (78%)
- Blue (63%)



- Red (57%)
- Yellow (74%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (43%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.684, 151.074 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, 29.684, 151.074 by changing the saturation by 10% instead.


 76, 29.684,
151.074


 76, 29.684,
151.074


 100, 29.684,
151.074


 66, 29.684,
151.074


 96, 29.684,
151.074

 56, 29.684,
151.074

 46, 29.684,
151.074

 36, 29.684,
151.074

 26, 29.684,
151.074

 16, 29.684,
151.074

 6, 29.684, 151.074

■ 0, 29.684, 151.074

■ 76, 29.684,
151.074

■ 76, 29.684,
151.074

■ 75, 40.292,
150.059

■ 78, 18.887,
151.956

■ 74, 50.519,
148.891

■ 79, 8.057, 152.741

■ 73, 60.157,
147.551

■ 81, 2.682, 333.241

■ 83, 13.236,
333.923

■ 72, 68.993,
146.032

■ 85, 23.540,
334.450

■ 71, 76.833,
144.344

■ 87, 31.335,
329.804

■ 71, 83.522,
142.523

■ 87, 34.471,

■ 71, 88.984,
140.663

325.623

■ 71, 90.202,
140.240

Harmonies

Complementary

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



76, 29.684, 151.074



67, 29.932, 335.105

Rectangle

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



76, 29.684, 151.074



76, 29.684, 201.074



76, 29.684, 331.074



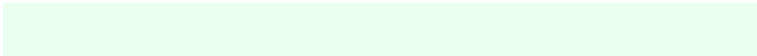
76, 29.684, 21.074

Sweetspot

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



76, 29.686, 151.074



98, 10.475, 152.694



78, 29.588, 118.867



52, 7.451, 152.578



0, 0.000, 0.000



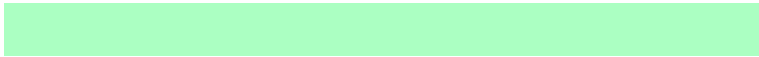
53, 0.007, 296.813

Same Dimension

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



76, 29.686, 151.074



93, 43.292, 150.485



77, 20.522, 178.148



41, 6.073, 152.598



58, 77.016, 140.539



11, 23.237, 148.814

Inverse Universe

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



67, 29.932, 335.105



80, 43.675, 335.563



66, 22.720, 3.736



39, 6.101, 333.794



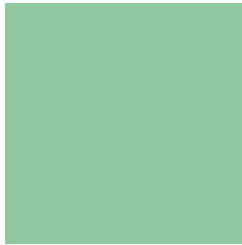
36, 67.411, 342.744



4, 21.054, 338.941

Previews

White Background



This preview shows how the CIELCh color 76, 29.684, 151.074 looks on a white background.

Color Contrast Check

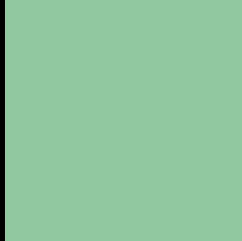
Large Text (above 18pt) WCAG AA × Fail

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, 29.684, 151.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

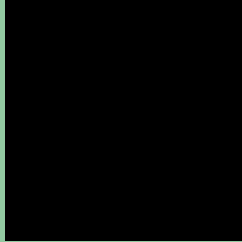
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.684, 151.074

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.684, 151.074.

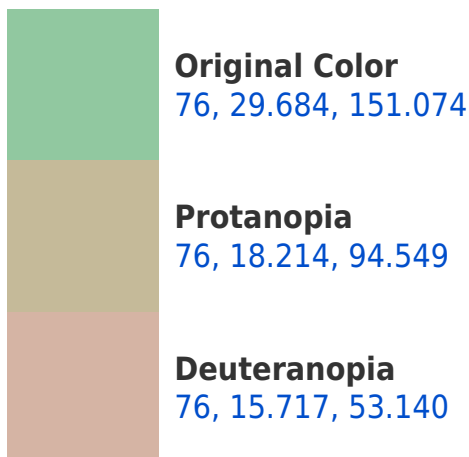


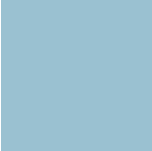
This preview shows how white text looks on a background with the CIELCh color 76, 29.684, 151.074.

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, 15.408, 232.810

Trichromacy



Original Color
76, 29.684, 151.074

Protanomaly
76, 19.404, 123.517

Deuteranomaly
75, 12.871, 107.220

Tritanomaly
76, 15.995, 188.461

Monochromacy



Original Color
76, 29.684, 151.074

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.085, 151.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.684, 151.074 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(145, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(145, 200, 160)  
}
```

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(145, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 200, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.684, 151.074 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(145, 200, 160) }
```

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

```
.border{ border-color:rgb(145, 200, 160) }
```

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

Here you see how a box with a 4 pixel rgb(145, 200, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(145, 200,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.684, 151.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 200, 160) }
```

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

```
.background{ background-color: rgb(145,  
200, 160) }
```

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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