

Converting Colors

CIELCh(76, 29.952, 151.503)

Have a look what the booklet for
CIELCh(76, 29.952, 151.503)
contains.

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Color

CIELCh(76, 29.925, 151.516)

Conversions

Conversions Part 1

Format	Color
Hex	90C8A0
RGB	144, 200, 160
RGB Percent	56%, 78%, 63%
CMY	0.4346, 0.2149, 0.3718
CMYK	0.28, 0.00, 0.20, 0.21
HSL	137°, 34%, 68%
HSV	137°, 28%, 79%
XYZ	38.5932, 49.8872, 40.9366
YIQ	178.6960, -20.5360, -24.3120

Conversions

Conversions Part 2

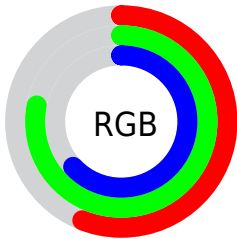
Format	Color
RYB	144, 188, 200
Decimal	9488544
CIELab	76.00, -26.30, 14.27
CIElCh	76, 29.925, 151.516
Yxy	49.8872, 0.2982, 0.3855
Android (android.graphics.Color)	4287678624 (0xFF90C8A0)
YUV	178.6960, -9.2171, -30.4284
Hunter-Lab	70.6309, -26.0705, 15.0780

Details

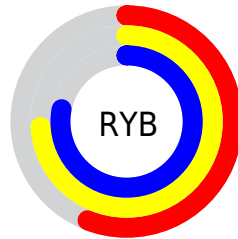
The CIELCh color **76, 29.925, 151.516** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 30.204, 335.679**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.607, 152.043**, and **56, 30.223, 151.094** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.418, 150.488**, and if you desaturate by 10%, it is **78, 19.235, 152.411**.

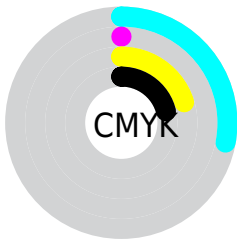
Distribution



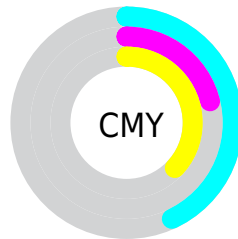
- Red (56%)
- Green (78%)
- Blue (63%)



- Red (56%)
- Yellow (74%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)





- Cyan (43%)
- Magenta (21%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.925, 151.516 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, 29.925, 151.516 by changing the saturation by 10% instead.


 76, 29.925,
151.516


 76, 29.925,
151.516


 100, 29.925,
151.516


 66, 29.925,
151.516


 96, 29.925,
151.516

 56, 29.925,
151.516

 46, 29.925,
151.516

 36, 29.925,
151.516

 26, 29.925,
151.516

 16, 29.925,
151.516

 6, 29.925, 151.516

■ 0, 29.925, 151.516

■ 76, 29.925,
151.516

■ 76, 29.925,
151.516

■ 75, 40.418,
150.488

■ 78, 19.235,
152.411

■ 74, 50.521,
149.305

■ 79, 8.501, 153.206

■ 73, 60.033,
147.948

■ 81, 2.149, 333.687

■ 83, 12.624,
334.411

■ 72, 68.746,
146.410

■ 85, 22.856,
334.950

■ 71, 76.474,
144.698

■ 87, 30.712,
330.639

■ 71, 83.077,
142.847

■ 87, 34.373,

■ 71, 88.501,
140.955

325.620

■ 71, 89.491,
140.605

Harmonies

Complementary

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



76, 29.925, 151.516



66, 30.204, 335.679

Rectangle

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



76, 29.925, 151.516



76, 29.925, 201.516



76, 29.925, 331.516



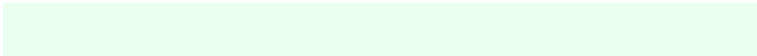
76, 29.925, 21.516

Sweetspot

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



76, 29.927, 151.516



98, 10.375, 153.196



78, 30.198, 119.514



52, 7.380, 153.078



0, 0.000, 0.000



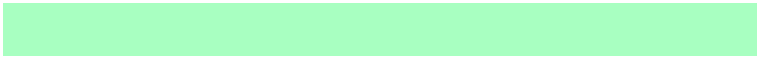
53, 0.007, 296.813

Same Dimension

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



76, 29.927, 151.516



93, 44.141, 150.863



77, 20.661, 179.377



41, 6.016, 153.098



58, 76.352, 140.912



11, 23.083, 149.100

Inverse Universe

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



66, 30.204, 335.679



79, 44.581, 336.190



66, 23.051, 5.041



39, 6.044, 334.308



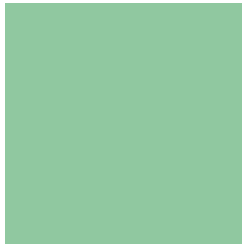
36, 66.836, 343.651



4, 20.819, 339.706

Previews

White Background



This preview shows how the CIELCh color 76, 29.925, 151.516 looks on a white background.

Color Contrast Check

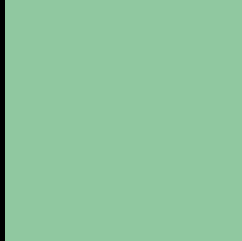
Large Text (above 18pt) WCAG AA × Fail

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, 29.925, 151.516 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, 29.925, 151.516

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.925, 151.516.

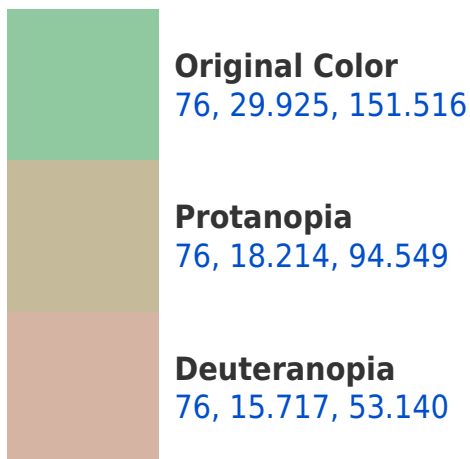


This preview shows how white text looks on a background with the CIELCh color 76, 29.925, 151.516.

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, 15.416, 230.333

Trichromacy



Original Color
76, 29.925, 151.516

Protanomaly
76, 19.404, 123.517

Deuteranomaly
75, 12.871, 107.220

Tritanomaly
76, 16.312, 188.625

Monochromacy



Original Color
76, 29.925, 151.516

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.340, 152.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.925, 151.516 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(144, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 200, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.925, 151.516 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(144, 200, 160) }
```

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

```
.border{ border-color:rgb(144, 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(144, 200, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(144, 200,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.925, 151.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 200, 160) }
```

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

```
.background{ background-color: rgb(144,  
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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