

Converting Colors

CIELCh(76, 21.204, 162.120)

Have a look what the booklet for
CIELCh(76, 21.204, 162.120)
contains.

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Color

CIELCh(76, 21.191, 162.104)

Conversions

Conversions Part 1

Format	Color
Hex	97C6AF
RGB	151, 198, 175
RGB Percent	59%, 78%, 69%
CMY	0.4090, 0.2247, 0.3149
CMYK	0.24, 0.00, 0.12, 0.22
HSL	151°, 29%, 68%
HSV	151°, 24%, 78%
XYZ	40.5442, 49.8872, 47.8998
YIQ	181.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

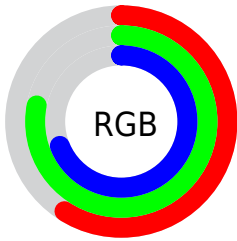
Format	Color
RYB	151, 182, 198
Decimal	9946799
CIELab	76.00, -20.17, 6.51
CIElCh	76, 21.191, 162.104
Yxy	49.8872, 0.2931, 0.3606
Android (android.graphics.Color)	4288136879 (0xFF97C6AF)
YUV	181.3250, -3.1182, -26.5950
Hunter-Lab	70.6309, -21.1398, 9.2329

Details

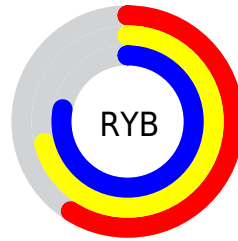
The CIELCh color **76, 21.191, 162.104** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 21.861, 346.366**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.112, 162.507**, and **56, 21.036, 162.607** is the 20% darker color. If you saturate the color by 10%, you get **75, 29.871, 161.017**, and if you desaturate by 10%, it is **77, 12.316, 163.082**.

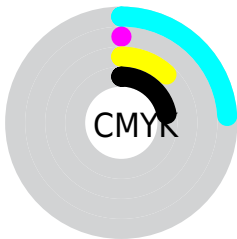
Distribution



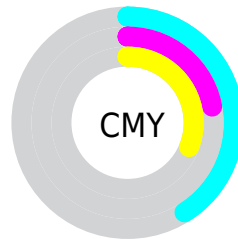
- Red (59%)
- Green (78%)
- Blue (69%)



- Red (59%)
- Yellow (71%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 21.191, 162.104 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, 21.191, 162.104 by changing the saturation by 10% instead.


 76, 21.191,
162.104


 76, 21.191,
162.104


 100, 21.191,
162.104


 66, 21.191,
162.104


 96, 21.191,
162.104

 56, 21.191,
162.104

 46, 21.191,
162.104

 36, 21.191,
162.104

 26, 21.191,
162.104

 16, 21.191,
162.104

 6, 21.191, 162.104

■ 0, 21.191, 162.104

■ 76, 21.191,
162.104

■ 76, 21.191,
162.104

■ 75, 29.871,
161.017

■ 77, 12.316,
163.082

■ 74, 38.209,
159.799

■ 79, 3.365, 164.041

■ 73, 46.057,
158.422

■ 81, 5.560, 344.639

■ 83, 14.382,
345.409

■ 72, 53.269,
156.862

■ 85, 23.042,
346.089

■ 71, 59.726,
155.099

■ 86, 27.497,
339.858

■ 71, 65.361,
153.124

■ 86, 30.905,

■ 70, 70.178,
150.949

332.675

■ 70, 72.885,
149.569

■ 86, 34.731,
327.089

■ 86, 35.936,
325.673

Harmonies

Complementary

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



76, 21.191, 162.104



67, 21.861, 346.366

Rectangle

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



76, 21.191, 162.104



76, 21.191, 212.104



76, 21.191, 342.104



76, 21.191, 32.104

Sweetspot

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



76, 21.192, 162.102



99, 7.695, 163.703



77, 26.610, 127.983



52, 5.001, 163.645



0, 0.000, 0.000



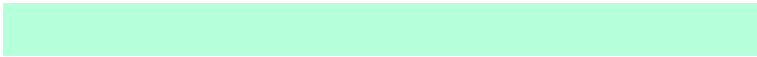
53, 0.007, 296.813

Same Dimension

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



76, 21.192, 162.102



95, 31.667, 161.502



77, 16.122, 198.217



41, 5.097, 163.490



59, 62.769, 149.919



11, 19.884, 156.384

Inverse Universe

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



67, 21.861, 346.366



81, 32.898, 346.976



67, 18.876, 21.195



39, 5.165, 344.969



35, 60.636, 2.565



4, 17.755, 353.631

Previews

White Background



This preview shows how the CIELCh color 76, 21.191, 162.104 looks on a white background.

Color Contrast Check

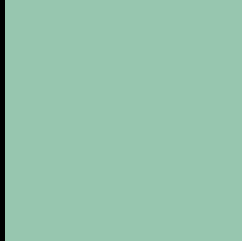
Large Text (above 18pt) WCAG AA × Fail

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, 21.191, 162.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

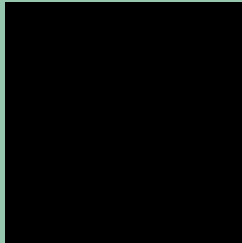
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 21.191, 162.104

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.191, 162.104.



This preview shows how white text looks on a background with the CIELCh color 76, 21.191, 162.104.

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, 21.191, 162.104

Protanopia
76, 9.619, 90.566

Deuteranopia
76, 10.805, 25.917



Tritanopia
76, 14.374, 233.033

Trichromacy



Original Color
76, 21.191, 162.104

Protanomaly
76, 11.199, 133.123

Deuteranomaly
75, 4.843, 105.236

Tritanomaly
76, 13.871, 200.623

Monochromacy



Original Color
76, 21.191, 162.104

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.668, 164.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.191, 162.104 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(151, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(151, 198, 175)  
}
```

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(151, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 198, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.191, 162.104 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(151, 198, 175) }
```

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

```
.border{ border-color:rgb(151, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(151, 198,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.191, 162.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 198, 175) }
```

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

```
.background{ background-color: rgb(151,  
198, 175) }
```

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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