

Converting Colors

CIELCh(76, 23.937, 160.302)

Have a look what the booklet for
CIELCh(76, 23.937, 160.302)
contains.

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Color

CIELCh(76, 23.937, 160.302)

Conversions

Conversions Part 1

Format	Color
Hex	93C7AC
RGB	147, 199, 172
RGB Percent	58%, 78%, 67%
CMY	0.4244, 0.2205, 0.3264
CMYK	0.26, 0.00, 0.14, 0.22
HSL	149°, 32%, 68%
HSV	149°, 26%, 78%
XYZ	39.7830, 49.8872, 46.4444
YIQ	180.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

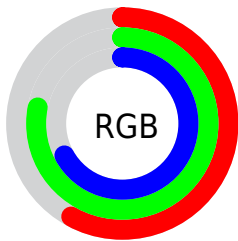
Format	Color
RYB	147, 182, 199
Decimal	9684908
CIELab	76.00, -22.54, 8.07
CIElCh	76, 23.937, 160.302
Yxy	49.8872, 0.2923, 0.3665
Android (android.graphics.Color)	4287874988 (0xFF93C7AC)
YUV	180.3740, -4.1284, -29.2690
Hunter-Lab	70.6309, -23.0637, 10.4546

Details

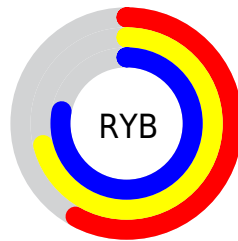
The CIELCh color $76, 23.937, 160.302$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 24.651, 344.942$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 23.499, 160.352$, and $56, 23.894, 160.470$ is the 20% darker color. If you saturate the color by 10%, you get $75, 32.821, 159.199$, and if you desaturate by 10%, it is $77, 14.837, 161.287$.

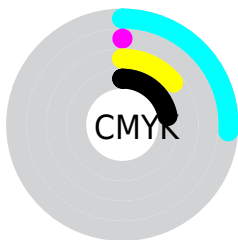
Distribution



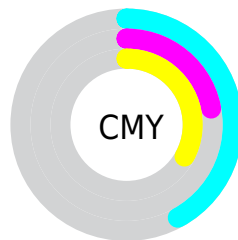
- Red (58%)
- Green (78%)
- Blue (67%)



- Red (58%)
- Yellow (71%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.937, 160.302 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, 23.937, 160.302 by changing the saturation by 10% instead.


 76, 23.937,
160.302


 76, 23.937,
160.302


 100, 23.937,
160.302


 66, 23.937,
160.302


 96, 23.937,
160.302

 56, 23.937,
160.302

 46, 23.937,
160.302

 36, 23.937,
160.302

 26, 23.937,
160.302

 16, 23.937,
160.302

 6, 23.937, 160.302

■ 0, 23.937, 160.302

■ 76, 23.937,
160.302

■ 76, 23.937,
160.302

■ 75, 32.821,
159.199

■ 77, 14.837,
161.287

■ 74, 41.337,
157.954

■ 79, 5.648, 162.205

■ 73, 49.328,
156.542

■ 81, 3.521, 342.811

■ 83, 12.586,
343.611

■ 72, 56.649,
154.939

■ 85, 21.486,
344.283

■ 71, 63.182,
153.129

■ 86, 27.154,
339.382

■ 71, 68.868,
151.109

■ 86, 30.843,

■ 71, 73.728,
148.908

331.770

■ 71, 75.468,
148.076

■ 87, 34.990,
325.976

■ 87, 35.272,
325.651

Harmonies

Complementary

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



76, 23.937, 160.302



66, 24.651, 344.942

Rectangle

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



76, 23.937, 160.302



76, 23.937, 210.302



76, 23.937, 340.302



76, 23.937, 30.302

Sweetspot

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



76, 23.938, 160.301



98, 8.988, 162.024



77, 29.161, 126.666



52, 6.389, 161.885



0, 0.000, 0.000



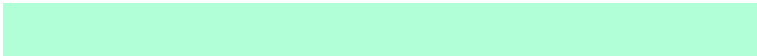
53, 0.007, 296.813

Same Dimension

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



76, 23.938, 160.301



94, 34.600, 159.733



77, 17.797, 195.066



41, 5.209, 161.909



59, 64.715, 148.432



11, 20.359, 155.100

Inverse Universe

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



66, 24.651, 344.942



80, 35.824, 345.503



66, 20.976, 18.880



39, 5.269, 343.352



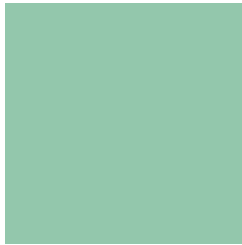
35, 60.972, 359.770



4, 18.051, 351.807

Previews

White Background



This preview shows how the CIELCh color 76, 23.937, 160.302 looks on a white background.

Color Contrast Check

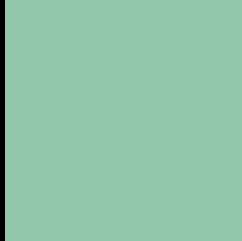
Large Text (above 18pt) WCAG AA × Fail

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, 23.937, 160.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

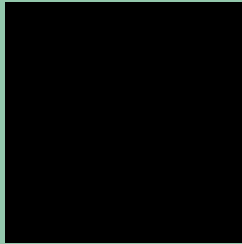
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.937, 160.302

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.937, 160.302.

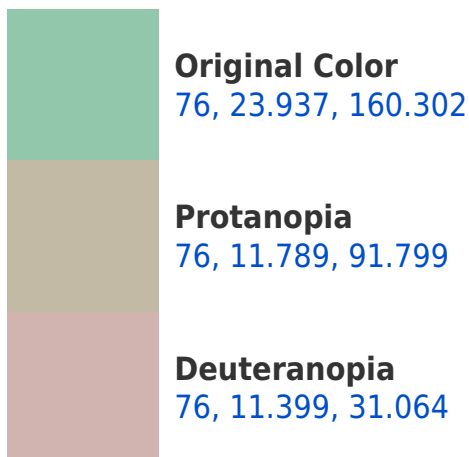


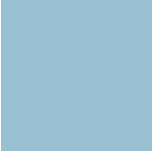
This preview shows how white text looks on a background with the CIELCh color 76, 23.937, 160.302.

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, 23.937, 160.302

Protanomaly
76, 13.964, 131.401

Deuteranomaly
75, 6.990, 112.621

Tritanomaly
76, 15.198, 198.276

Monochromacy



Original Color
76, 23.937, 160.302

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 8.923, 161.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.937, 160.302 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(147, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 172)  
}
```

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(147, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.937, 160.302 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(147, 199, 172) }
```

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

```
.border{ border-color:rgb(147, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.937, 160.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 172) }
```

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

```
.background{ background-color: rgb(147,  
199, 172) }
```

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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