

Converting Colors

CIELCh(76, 18.118, 230.674)

Have a look what the booklet for
CIELCh(76, 18.118, 230.674)
contains.

CIELCh(76, 18.163, 230.882)	3
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Color

CIELCh(76, 18.163, 230.882)

Conversions

Conversions Part 1

Format	Color
Hex	93C3D5
RGB	147, 195, 213
RGB Percent	58%, 76%, 84%
CMY	0.4245, 0.2363, 0.1657
CMYK	0.31, 0.08, 0.00, 0.17
HSL	196°, 44%, 70%
HSV	196°, 31%, 83%
XYZ	43.4233, 49.8872, 70.1198
YIQ	182.7000, -34.3860, -4.5780

Conversions

Conversions Part 2

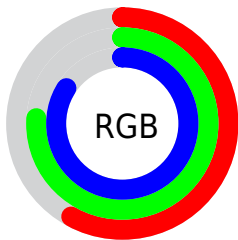
Format	Color
RYB	147, 175, 213
Decimal	9683925
CIELab	76.00, -11.46, -14.09
CIElCh	76, 18.163, 230.882
Yxy	49.8872, 0.2657, 0.3053
Android (android.graphics.Color)	4287874005 (0xFF93C3D5)
YUV	182.7000, 14.9379, -31.3089
Hunter-Lab	70.6309, -13.8637, -9.4193

Details

The CIELCh color `76, 18.163, 230.882` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `72, 22.136, 46.770`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 16.214, 203.912`, and `56, 18.053, 231.061` is the 20% darker color. If you saturate the color by 10%, you get `73, 23.176, 232.294`, and if you desaturate by 10%, it is `79, 12.683, 229.787`.

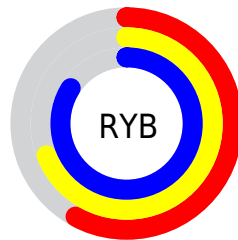
Distribution



Red (58%)

Green (76%)

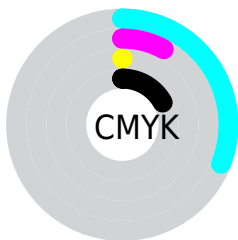
Blue (84%)



Red (58%)

Yellow (69%)

Blue (84%)

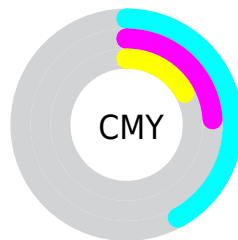


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (42%)


Magenta (24%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 18.163, 230.882 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, 18.163, 230.882 by changing the saturation by 10% instead.


 76, 18.163,
230.882

 76, 18.163,
230.882


 100, 18.163,
230.882


 66, 18.163,
230.882


 96, 18.163,
230.882

 56, 18.163,
230.882

 46, 18.163,
230.882

 36, 18.163,
230.882

 26, 18.163,
230.882

 16, 18.163,
230.882

 6, 18.163, 230.882

■ 0, 18.163, 230.882

■ 76, 18.163,
230.882

■ 76, 18.163,
230.882

■ 73, 23.176,
232.294

■ 79, 12.683,
229.787

■ 71, 27.645,
234.109

■ 82, 6.819, 228.971

■ 68, 31.508,
236.414

■ 85, 0.647, 229.076

■ 88, 5.763, 47.644

■ 66, 34.739,
239.300

■ 91, 12.352, 47.317

■ 64, 37.366,
242.849

■ 93, 12.861, 61.910

■ 94, 13.721, 76.986

■ 62, 39.491,
247.095

■ 96, 15.395, 89.465

■ 60, 41.175,
251.353

■ 97, 17.644, 99.066

Harmonies

Complementary

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



76, 18.163, 230.882



72, 22.136, 46.770

Rectangle

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



76, 18.163, 230.882



76, 18.163, 280.882



76, 18.163, 50.882



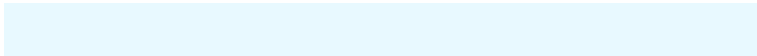
76, 18.163, 100.882

Sweetspot

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



76, 18.163, 230.878



97, 6.480, 228.848



80, 35.330, 150.496



51, 4.488, 228.941



0, 0.000, 0.000



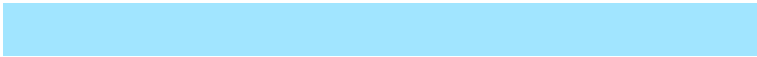
53, 0.007, 296.813

Same Dimension

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



76, 18.163, 230.878



87, 24.548, 231.737



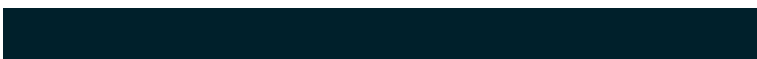
67, 28.214, 282.861



44, 3.544, 228.868



49, 34.775, 250.537



10, 12.940, 240.258

Inverse Universe

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



69, 35.476, 335.380



77, 48.841, 335.881



80, 27.457, 94.590



42, 6.485, 333.798



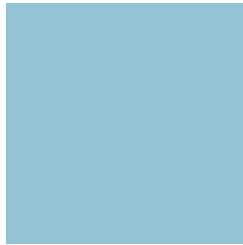
38, 69.687, 342.808



6, 26.981, 339.568

Previews

White Background



This preview shows how the CIELCh color 76, 18.163, 230.882 looks on a white background.

Color Contrast Check

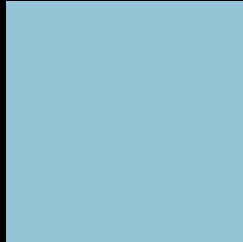
Large Text (above 18pt) WCAG AA × Fail

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, 18.163, 230.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

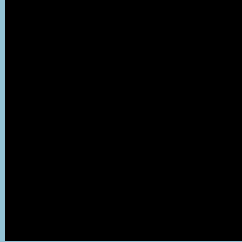
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

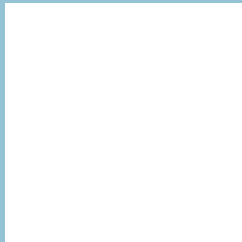
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 18.163, 230.882

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.163, 230.882.



This preview shows how white text looks on a background with the CIELCh color 76, 18.163, 230.882.

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, 18.163, 230.882

Protanopia

76, 11.866, 289.587

Deuteranopia

76, 18.147, 301.769



Tritanopia
76, 17.985, 227.184

Trichromacy



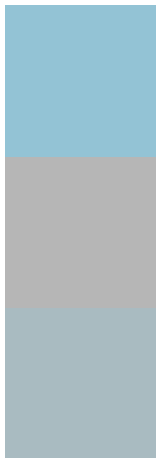
Original Color
76, 18.163, 230.882

Protanomaly
76, 12.441, 259.473

Deuteranomaly
76, 15.014, 275.652

Tritanomaly
76, 18.192, 228.797

Monochromacy



Original Color
76, 18.163, 230.882

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 7.123, 226.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.163, 230.882 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, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(147, 195, 213)  
}
```

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, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.163, 230.882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

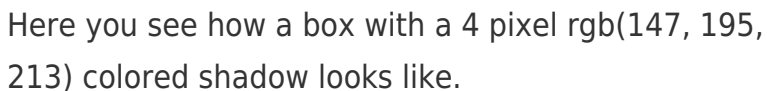
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 195, 213) }
```

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

```
.border{ border-color:rgb(147, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(147, 195,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.163, 230.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 195, 213) }
```

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

```
.background{ background-color: rgb(147,  
195, 213) }
```

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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