

Converting Colors

CIELCh(76, 16.033, 155.587)

Have a look what the booklet for
CIELCh(76, 16.033, 155.587)
contains.

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Color

CIELCh(76, 16.065, 156.230)

Conversions

Conversions Part 1

Format	Color
Hex	A3C3AF
RGB	163, 195, 175
RGB Percent	64%, 76%, 69%
CMY	0.3609, 0.2354, 0.3139
CMYK	0.16, 0.00, 0.10, 0.24
HSL	142°, 21%, 70%
HSV	142°, 16%, 76%
XYZ	42.3355, 49.8872, 47.9343
YIQ	183.1520, -12.6520, -13.0040

Conversions

Conversions Part 2

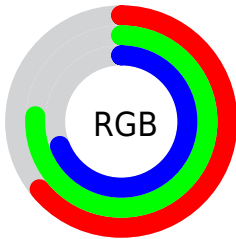
Format	Color
R_{YB}	163, 186, 195
Decimal	10732463
CIE _{Lab}	76.00, -14.70, 6.48
CIE _{LCh}	76, 16.065, 156.230
Yxy	49.8872, 0.3021, 0.3559
Android (android.graphics.Color)	4288922543 (0xFFA3C3AF)
YUV	183.1520, -4.0189, -17.6733
Hunter-Lab	70.6309, -16.6128, 9.2039

Details

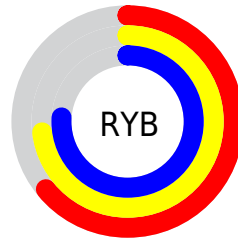
The CIELCh color **76, 16.065, 156.230** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 16.243, 338.696**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 16.168, 156.790**, and **56, 15.689, 156.956** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.831, 155.303**, and if you desaturate by 10%, it is **78, 6.257, 157.072**.

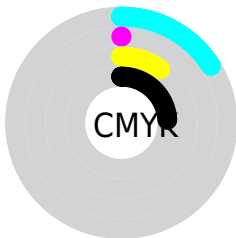
Distribution



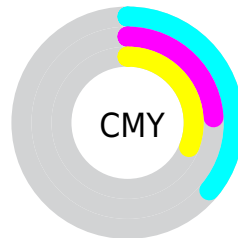
- Red (64%)
- Green (76%)
- Blue (69%)



- Red (64%)
- Yellow (73%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.065, 156.230 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, 16.065, 156.230 by changing the saturation by 10% instead.


 76, 16.065,
156.230


 76, 16.065,
156.230


 100, 16.065,
156.230


 66, 16.065,
156.230


 96, 16.065,
156.230

 56, 16.065,
156.230

 46, 16.065,
156.230

 36, 16.065,
156.230

 26, 16.065,
156.230

 16, 16.065,
156.230

 6, 16.065, 156.230

■ 0, 16.065, 156.230

■ 76, 16.065,
156.230

■ 76, 16.065,
156.230

■ 75, 25.831,
155.303

■ 78, 6.257, 157.072

■ 73, 35.413,
154.254

■ 79, 3.488, 337.630

■ 72, 44.651,
153.054

■ 81, 13.084,
338.346

■ 71, 53.370,
151.682

■ 83, 22.470,
338.936

■ 70, 61.402,
150.119

■ 85, 30.236,
336.753

■ 70, 68.600,
148.357

■ 86, 34.813,
329.136

■ 86, 37.654,

■ 69, 74.870,
146.407

325.732

■ 69, 80.194,
144.319

■ 69, 81.949,
143.602

Harmonies

Complementary

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



76, 16.065, 156.230



70, 16.243, 338.696

Rectangle

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



76, 16.065, 156.230



76, 16.065, 206.230



76, 16.065, 336.230



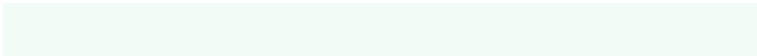
76, 16.065, 26.230

Sweetspot

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



76, 16.067, 156.229



98, 6.010, 157.187



77, 17.662, 123.437



53, 4.136, 157.125



0, 0.000, 0.000



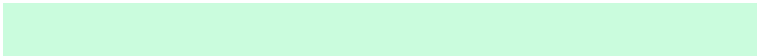
53, 0.007, 296.813

Same Dimension

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



76, 16.067, 156.229



95, 24.150, 155.881



76, 11.663, 187.155



40, 5.511, 156.825



58, 70.470, 143.935



10, 20.083, 152.098

Inverse Universe

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



70, 16.243, 338.696



86, 24.469, 339.017



70, 12.617, 9.951



38, 5.551, 338.132



35, 62.720, 350.450



3, 17.181, 344.740

Previews

White Background



This preview shows how the CIELCh color 76, 16.065, 156.230 looks on a white background.

Color Contrast Check

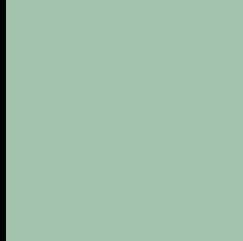
Large Text (above 18pt) WCAG AA × Fail

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, 16.065, 156.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

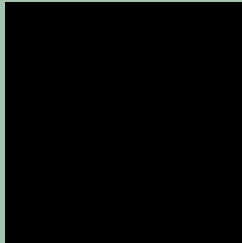
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.065, 156.230

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.065, 156.230.

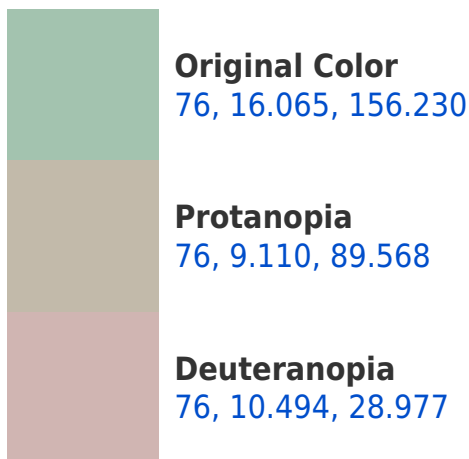


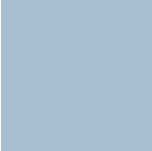
This preview shows how white text looks on a background with the CIELCh color 76, 16.065, 156.230.

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](#).

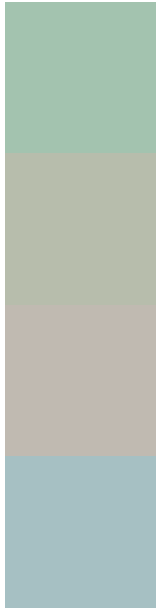
Dichromacy





Tritanopia
76, 11.326, 248.803

Trichromacy



Original Color
76, 16.065, 156.230

Protanomaly
76, 9.414, 123.316

Deuteranomaly
76, 5.324, 84.389

Tritanomaly
76, 9.296, 208.813

Monochromacy



Original Color
76, 16.065, 156.230

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.591, 156.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.065, 156.230 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(163, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 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(163, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.065, 156.230 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(163, 195, 175) }
```

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

```
.border{ border-color:rgb(163, 195, 175) }
```

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

Here you see how a box with a 4 pixel rgb(163, 195, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 195,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.065, 156.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 175) }
```

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

```
.background{ background-color: rgb(163,  
195, 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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