

Converting Colors

CIELCh(76, 12.660, 184.874)

Have a look what the booklet for
CIELCh(76, 12.660, 184.874)
contains.

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Color

CIELCh(76, 12.444, 185.932)

Conversions

Conversions Part 1

Format	Color
Hex	A0C2BD
RGB	160, 194, 189
RGB Percent	63%, 76%, 74%
CMY	0.3715, 0.2382, 0.2578
CMYK	0.18, 0.00, 0.03, 0.24
HSL	171°, 22%, 70%
HSV	171°, 18%, 76%
XYZ	43.1135, 49.8872, 55.6507
YIQ	183.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

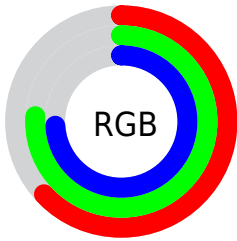
Format	Color
RYB	160, 178, 194
Decimal	10535613
CIELab	76.00, -12.38, -1.29
CIElCh	76, 12.444, 185.932
Yxy	49.8872, 0.2900, 0.3356
Android (android.graphics.Color)	4288725693 (0xFFA0C2BD)
YUV	183.2640, 2.8278, -20.4025
Hunter-Lab	70.6309, -14.6466, 2.7265

Details

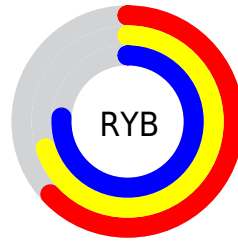
The CIELCh color **76, 12.444, 185.932** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 13.496, 8.998**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 12.731, 184.617**, and **56, 12.192, 187.345** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.102, 185.028**, and if you desaturate by 10%, it is **77, 5.431, 186.832**.

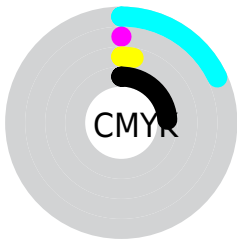
Distribution



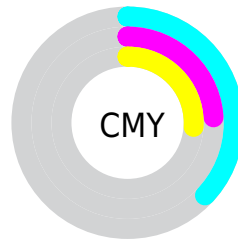
- Red (63%)
- Green (76%)
- Blue (74%)



- Red (63%)
- Yellow (70%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 12.444, 185.932 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, 12.444, 185.932 by changing the saturation by 10% instead.


 76, 12.444,
185.932


 76, 12.444,
185.932


 100, 12.444,
185.932


 66, 12.444,
185.932


 96, 12.444,
185.932

 56, 12.444,
185.932

 46, 12.444,
185.932

 36, 12.444,
185.932

 26, 12.444,
185.932

 16, 12.444,
185.932

 6, 12.444, 185.932

0, 12.444, 185.932

76, 12.444,
185.932

76, 12.444,
185.932

75, 19.102,
185.028

77, 5.431, 186.832

74, 25.283,
184.097

79, 1.833, 7.284

73, 30.867,
183.118

81, 9.251, 8.313

72, 35.741,
182.075

82, 16.745, 9.122

71, 39.817,
180.947

84, 23.352, 9.356

71, 43.046,
179.713

84, 23.583, 5.773

84, 23.910, 2.278

84, 24.330,
358.894

■ 71, 45.433,
178.354

■ 84, 24.836,
355.643

■ 71, 47.080,
176.865

■ 70, 47.448,
176.492

Harmonies

Complementary

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



76, 12.444, 185.932



69, 13.496, 8.998

Rectangle

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



76, 12.444, 185.932



76, 12.444, 235.932



76, 12.444, 5.932



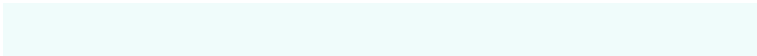
76, 12.444, 55.932

Sweetspot

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



76, 12.445, 185.926



98, 4.490, 187.080



76, 21.353, 139.396



53, 3.085, 187.003



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, 12.445, 185.926



95, 18.316, 185.585



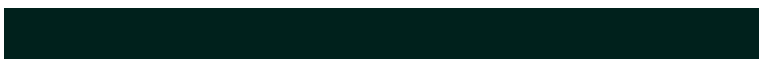
73, 9.953, 239.620



40, 4.082, 186.657



59, 41.112, 176.728



10, 13.737, 180.858

Inverse Universe

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



69, 13.496, 8.998



85, 20.244, 9.445



72, 10.860, 56.264



38, 4.259, 8.123



33, 67.726, 32.551



3, 14.163, 11.421

Previews

White Background



This preview shows how the CIELCh color 76, 12.444, 185.932 looks on a white background.

Color Contrast Check

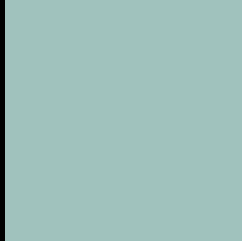
Large Text (above 18pt) WCAG AA × Fail

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, 12.444, 185.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

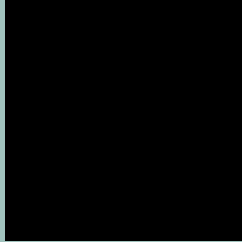
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

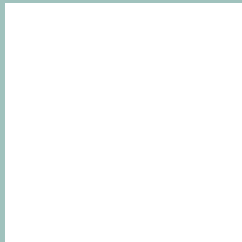
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 12.444, 185.932

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.444, 185.932.

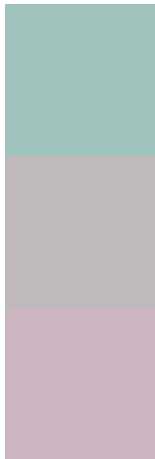


This preview shows how white text looks on a background with the CIELCh color 76, 12.444, 185.932.

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, 12.444, 185.932

Protanopia
76, 1.934, 35.394

Deuteranopia
76, 10.125, 344.519



Tritanopia
76, 12.347, 239.890

Trichromacy



Original Color
76, 12.444, 185.932

Protanomaly
76, 3.486, 181.287

Deuteranomaly
76, 2.731, 298.165

Tritanomaly
76, 11.154, 221.523

Monochromacy



Original Color
76, 12.444, 185.932

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.887, 186.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.444, 185.932 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(160, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 189)  
}
```

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(160, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.444, 185.932 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(160, 194, 189) }
```

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

```
.border{ border-color:rgb(160, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.444, 185.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 189) }
```

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

```
.background{ background-color: rgb(160,  
194, 189) }
```

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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