

Converting Colors

CIELCh(76, 22.231, 165.556)

Have a look what the booklet for
CIELCh(76, 22.231, 165.556)
contains.

CIELCh(76, 22.250, 165.542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 22.250, 165.542)

Conversions

Conversions Part 1

Format	Color
Hex	92C6B0
RGB	146, 198, 176
RGB Percent	57%, 78%, 69%
CMY	0.4258, 0.2218, 0.3081
CMYK	0.26, 0.00, 0.11, 0.22
HSL	155°, 31%, 68%
HSV	155°, 26%, 78%
XYZ	40.1000, 49.8872, 48.8093
YIQ	179.9440, -23.9300, -17.8660

Conversions

Conversions Part 2

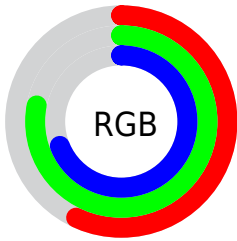
Format	Color
RYB	146, 179, 198
Decimal	9619120
CIELab	76.00, -21.55, 5.56
CIElCh	76, 22.250, 165.542
Yxy	49.8872, 0.2889, 0.3594
Android (android.graphics.Color)	4287809200 (0xFF92C6B0)
YUV	179.9440, -1.9444, -29.7689
Hunter-Lab	70.6309, -22.2625, 8.4695

Details

The CIELCh color **76, 22.250, 165.542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 23.310, 350.573**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.162, 165.879**, and **56, 22.092, 166.058** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.379, 164.403**, and if you desaturate by 10%, it is **77, 13.857, 166.573**.

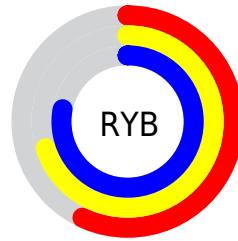
Distribution



Red (57%)

Green (78%)

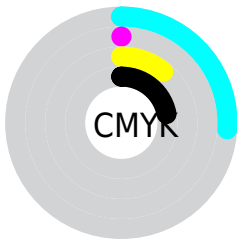
Blue (69%)



Red (57%)

Yellow (70%)

Blue (78%)

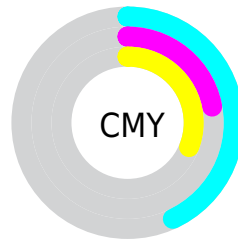


Cyan (26%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (43%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.250, 165.542 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, 22.250, 165.542 by changing the saturation by 10% instead.


 76, 22.250,
165.542


 76, 22.250,
165.542


 100, 22.250,
165.542


 66, 22.250,
165.542


 96, 22.250,
165.542

 56, 22.250,
165.542

 46, 22.250,
165.542

 36, 22.250,
165.542

 26, 22.250,
165.542

 16, 22.250,
165.542

 6, 22.250, 165.542

■ 0, 22.250, 165.542

■ 76, 22.250,
165.542

■ 76, 22.250,
165.542

■ 75, 30.379,
164.403

■ 77, 13.857,
166.573

■ 74, 38.101,
163.135

■ 79, 5.321, 167.551

■ 73, 45.273,
161.710

■ 81, 3.249, 348.189

■ 83, 11.770,
349.071

■ 72, 51.766,
160.105

■ 85, 20.178,
349.819

■ 72, 57.485,
158.298

■ 86, 25.251,
345.546

■ 71, 62.391,
156.279

■ 86, 27.861,

■ 71, 66.527,
154.064

338.046

■ 71, 67.991,
153.231

■ 86, 30.893,
331.995

■ 86, 34.229,
327.145

Harmonies

Complementary

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



76, 22.250, 165.542



66, 23.310, 350.573

Rectangle

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



76, 22.250, 165.542



76, 22.250, 215.542



76, 22.250, 345.542



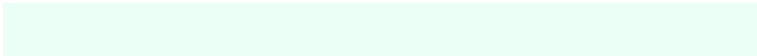
76, 22.250, 35.542

Sweetspot

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



76, 22.251, 165.540



98, 8.398, 167.361



77, 29.936, 130.188



52, 5.967, 167.213



0, 0.000, 0.000



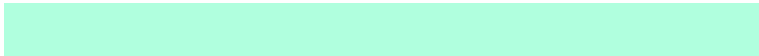
53, 0.007, 296.813

Same Dimension

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



76, 22.251, 165.540



94, 32.077, 164.958



76, 16.539, 204.735



41, 4.865, 167.238



59, 58.411, 153.589



11, 18.793, 159.704

Inverse Universe

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



66, 23.310, 350.573



80, 33.918, 351.208



66, 19.825, 26.710



39, 4.950, 348.790



34, 60.513, 8.897



4, 17.207, 357.558

Previews

White Background



This preview shows how the CIELCh color 76, 22.250, 165.542 looks on a white background.

Color Contrast Check

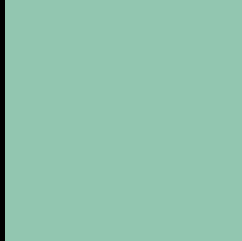
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 22.250, 165.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

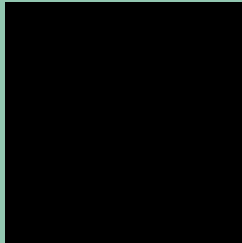
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

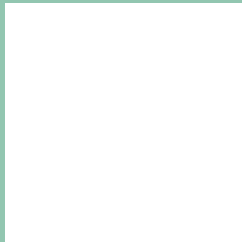
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 22.250, 165.542

Background



This preview shows how black text looks on a background with the CIELCh color 76, 22.250, 165.542.

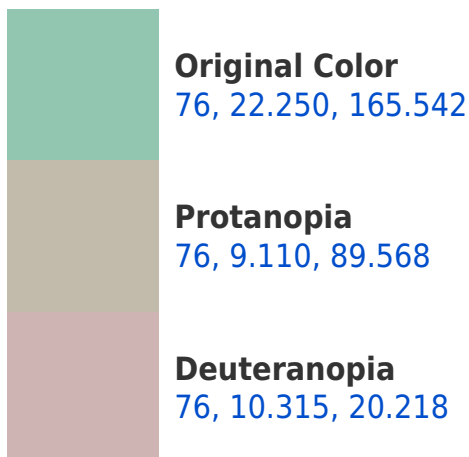


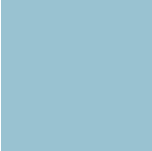
This preview shows how white text looks on a background with the CIELCh color 76, 22.250, 165.542.

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, 15.680, 229.722

Trichromacy



Original Color
76, 22.250, 165.542

Protanomaly
76, 11.524, 136.470

Deuteranomaly
76, 4.366, 119.656

Tritanomaly
76, 15.463, 200.274

Monochromacy



Original Color
76, 22.250, 165.542

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 8.277, 167.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.250, 165.542 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(146, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(146, 198, 176)  
}
```

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(146, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 198, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.250, 165.542 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(146, 198, 176) }
```

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

```
.border{ border-color:rgb(146, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(146, 198,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.250, 165.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 198, 176) }
```

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

```
.background{ background-color: rgb(146,  
198, 176) }
```

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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