

Converting Colors

CIELCh(76, 23.134, 165.266)

Have a look what the booklet for
CIELCh(76, 23.134, 165.266)
contains.

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Color

CIELCh(76, 23.115, 165.280)

Conversions

Conversions Part 1

Format	Color
Hex	91C7B0
RGB	145, 199, 176
RGB Percent	57%, 78%, 69%
CMY	0.4321, 0.2204, 0.3105
CMYK	0.27, 0.00, 0.12, 0.22
HSL	154°, 32%, 67%
HSV	154°, 27%, 78%
XYZ	39.8404, 49.8872, 48.5054
YIQ	180.2320, -24.8010, -18.6010

Conversions

Conversions Part 2

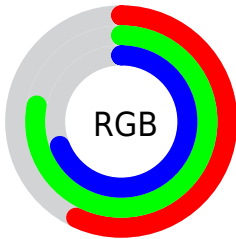
Format	Color
RYB	145, 179, 199
Decimal	9553840
CIELab	76.00, -22.36, 5.87
CIELCh	76, 23.115, 165.280
Yxy	49.8872, 0.2882, 0.3609
Android (android.graphics.Color)	4287743920 (0xFF91C7B0)
YUV	180.2320, -2.0864, -30.8985
Hunter-Lab	70.6309, -22.9185, 8.7245

Details

The CIELCh color **76, 23.115, 165.280** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 24.243, 350.515**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.438, 166.293**, and **56, 22.978, 165.693** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.245, 164.130**, and if you desaturate by 10%, it is **77, 14.710, 166.319**.

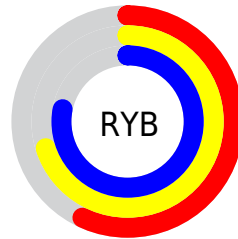
Distribution



Red (57%)

Green (78%)

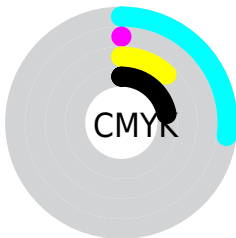
Blue (69%)



Red (57%)

Yellow (70%)

Blue (78%)

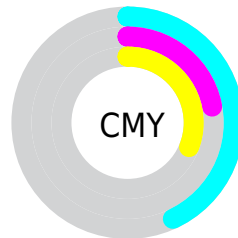


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (43%)


Magenta (22%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.115, 165.280 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, 23.115, 165.280 by changing the saturation by 10% instead.


 76, 23.115,
165.280


 76, 23.115,
165.280


 100, 23.115,
165.280


 66, 23.115,
165.280


 96, 23.115,
165.280


 56, 23.115,
165.280

 46, 23.115,
165.280

 36, 23.115,
165.280

 26, 23.115,
165.280

 16, 23.115,
165.280

 6, 23.115, 165.280

■ 0, 23.115, 165.280

■ 76, 23.115,
165.280

■ 76, 23.115,
165.280

■ 75, 31.245,
164.130

■ 77, 14.710,
166.319

■ 74, 38.953,
162.848

■ 79, 6.152, 167.295

■ 73, 46.100,
161.407

■ 81, 2.448, 347.905

■ 83, 11.004,
348.833

■ 72, 52.556,
159.783

■ 85, 19.450,
349.585

■ 72, 58.230,
157.954

■ 86, 24.977,
345.908

■ 71, 63.089,
155.914

■ 86, 27.591,

■ 71, 67.196,
153.688

338.239

■ 71, 68.302,
153.066

■ 86, 30.640,
332.068

■ 87, 34.003,
327.138

Harmonies

Complementary

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



76, 23.115, 165.280



66, 24.243, 350.515

Rectangle

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



76, 23.115, 165.280



76, 23.115, 215.280



76, 23.115, 345.280



76, 23.115, 35.280

Sweetspot

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



76, 23.116, 165.278



98, 8.414, 167.200



77, 31.058, 130.141



52, 5.979, 167.052



0, 0.000, 0.000



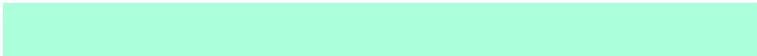
53, 0.007, 296.813

Same Dimension

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



76, 23.116, 165.278



94, 34.134, 164.566



76, 17.102, 204.721



41, 4.874, 167.077



59, 58.591, 153.427



11, 18.838, 159.553

Inverse Universe

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



66, 24.243, 350.515



79, 36.193, 351.296



66, 20.650, 26.786



39, 4.958, 348.627



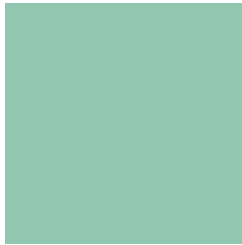
34, 60.501, 8.635



4, 17.227, 357.400

Previews

White Background



This preview shows how the CIELCh color 76, 23.115, 165.280 looks on a white background.

Color Contrast Check

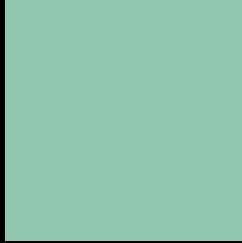
Large Text (above 18pt) WCAG AA × Fail

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, 23.115, 165.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

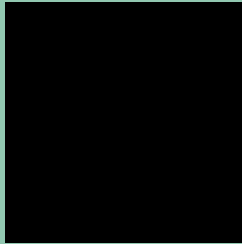
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

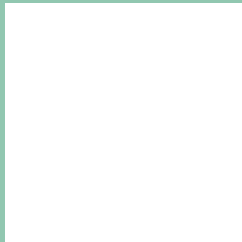
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 23.115, 165.280

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.115, 165.280.

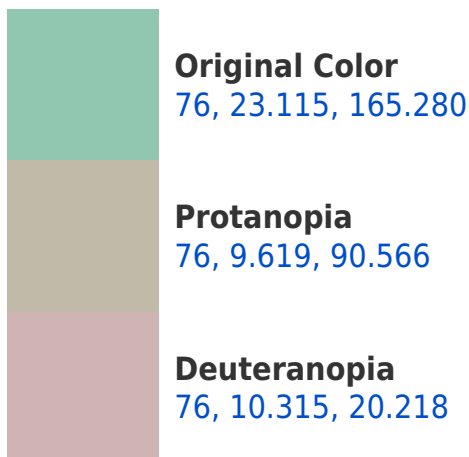


This preview shows how white text looks on a background with the CIELCh color 76, 23.115, 165.280.

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](#).

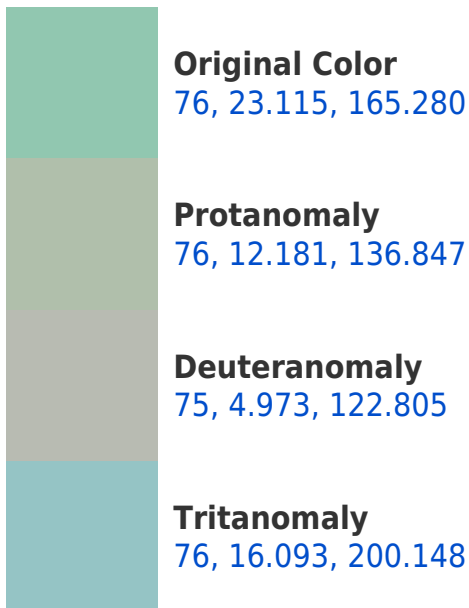
Dichromacy



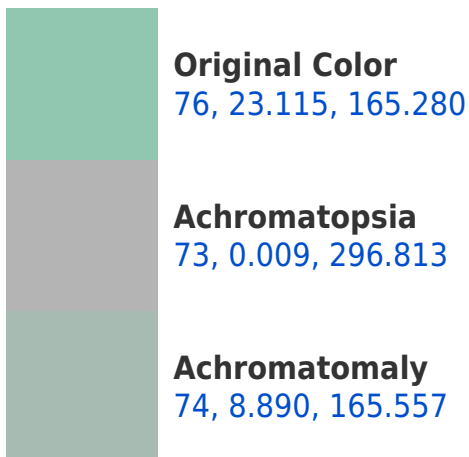


Tritanopia
76, 15.944, 229.133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.115, 165.280 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(145, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(145, 199, 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(145, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 199, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.115, 165.280 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(145, 199, 176) }
```

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

```
.border{ border-color:rgb(145, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(145, 199,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.115, 165.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 199, 176) }
```

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

```
.background{ background-color: rgb(145,  
199, 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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