

Converting Colors

CIELCh(76, 23.157, 161.335)

Have a look what the booklet for
CIELCh(76, 23.157, 161.335)
contains.

CIELCh(76, 23.582, 161.294)	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, 23.582, 161.294)

Conversions

Conversions Part 1

Format	Color
Hex	93C7AD
RGB	147, 199, 173
RGB Percent	58%, 78%, 68%
CMY	0.4247, 0.2208, 0.3227
CMYK	0.26, 0.00, 0.13, 0.22
HSL	150°, 32%, 68%
HSV	150°, 26%, 78%
XYZ	39.8468, 49.8872, 46.9136
YIQ	180.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

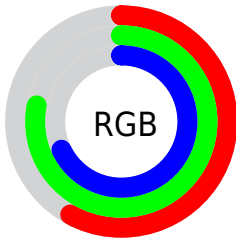
Format	Color
RYB	147, 182, 199
Decimal	9684909
CIELab	76.00, -22.34, 7.56
CIElCh	76, 23.582, 161.294
Yxy	49.8872, 0.2916, 0.3651
Android (android.graphics.Color)	4287874989 (0xFF93C7AD)
YUV	180.4880, -3.6916, -29.3690
Hunter-Lab	70.6309, -22.9024, 10.0608

Details

The CIELCh color **76, 23.582, 161.294** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 24.359, 346.016**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.164, 161.316**, and **56, 23.515, 161.525** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.312, 160.182**, and if you desaturate by 10%, it is **77, 14.628, 162.289**.

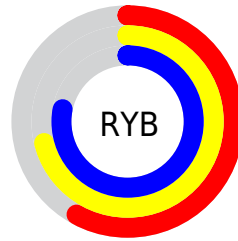
Distribution



Red (58%)

Green (78%)

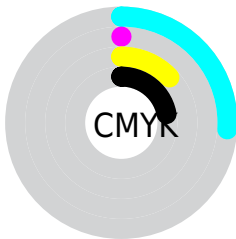
Blue (68%)



Red (58%)

Yellow (71%)

Blue (78%)

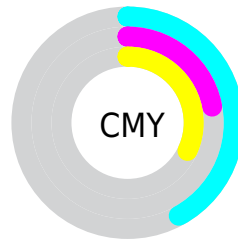


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (42%)


Magenta (22%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.582, 161.294 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, 23.582, 161.294 by changing the saturation by 10% instead.


 76, 23.582,
161.294

 76, 23.582,
161.294

 100, 23.582,
161.294


 66, 23.582,
161.294

 96, 23.582,
161.294

 56, 23.582,
161.294

 46, 23.582,
161.294

 36, 23.582,
161.294

 26, 23.582,
161.294

 16, 23.582,
161.294

 6, 23.582, 161.294

■ 0, 23.582, 161.294

■ 76, 23.582,
161.294

■ 76, 23.582,
161.294

■ 75, 32.312,
160.182

■ 77, 14.628,
162.289

■ 74, 40.666,
158.930

■ 79, 5.576, 163.220

■ 73, 48.494,
157.513

■ 81, 3.467, 343.834

■ 83, 12.416,
344.651

■ 72, 55.651,
155.907

■ 85, 21.211,
345.338

■ 71, 62.026,
154.093

■ 86, 26.747,
340.542

■ 71, 67.564,
152.068

■ 86, 30.215,

■ 71, 72.291,
149.858

332.921

■ 71, 73.983,
149.022

■ 87, 34.138,
327.057

■ 87, 35.314,
325.652

Harmonies

Complementary

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



76, 23.582, 161.294



66, 24.359, 346.016

Rectangle

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



76, 23.582, 161.294



76, 23.582, 211.294



76, 23.582, 341.294



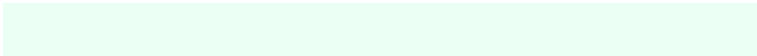
76, 23.582, 31.294

Sweetspot

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



76, 23.583, 161.293



98, 8.864, 163.037



77, 29.399, 127.866



52, 6.301, 162.896



0, 0.000, 0.000



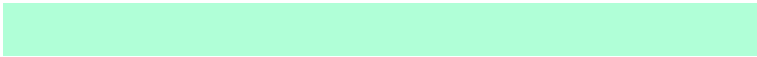
53, 0.007, 296.813

Same Dimension

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



76, 23.583, 161.293



94, 34.076, 160.721



77, 17.669, 198.104



41, 5.136, 162.920



59, 63.463, 149.379



11, 20.054, 155.914

Inverse Universe

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



66, 24.359, 346.016



80, 35.412, 346.593



66, 21.057, 21.451



39, 5.202, 344.387



35, 60.736, 1.565



4, 17.857, 352.986

Previews

White Background



This preview shows how the CIELCh color 76, 23.582, 161.294 looks on a white background.

Color Contrast Check

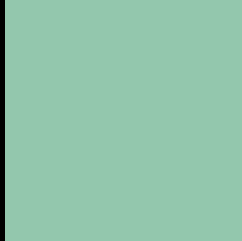
Large Text (above 18pt) WCAG AA × Fail

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, 23.582, 161.294 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

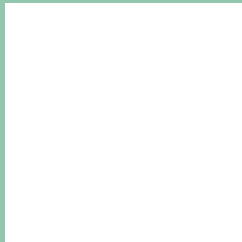
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 23.582, 161.294

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.582, 161.294.

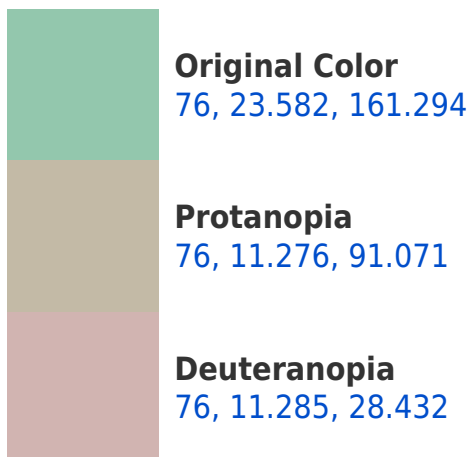


This preview shows how white text looks on a background with the CIELCh color 76, 23.582, 161.294.

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, 15.416, 230.333

Trichromacy



Original Color
76, 23.582, 161.294

Protanomaly
76, 13.470, 132.274

Deuteranomaly
75, 6.455, 112.923

Tritanomaly
76, 15.507, 198.257

Monochromacy



Original Color
76, 23.582, 161.294

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 8.923, 161.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.582, 161.294 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, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 173)  
}
```

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, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.582, 161.294 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, 199, 173) }
```

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

```
.border{ border-color:rgb(147, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.582, 161.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 173) }
```

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

```
.background{ background-color: rgb(147,  
199, 173) }
```

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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