

Converting Colors

CIELCh(76, 27.808, 159.199)

Have a look what the booklet for
CIELCh(76, 27.808, 159.199)
contains.

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Color

CIELCh(76, 27.831, 159.184)

Conversions

Conversions Part 1

Format	Color
Hex	8CC8A8
RGB	140, 200, 168
RGB Percent	55%, 78%, 66%
CMY	0.4498, 0.2145, 0.3400
CMYK	0.30, 0.00, 0.16, 0.21
HSL	148°, 35%, 67%
HSV	148°, 30%, 79%
XYZ	38.6834, 49.8872, 44.7785
YIQ	178.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

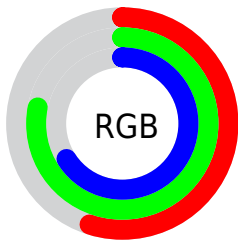
Format	Color
RYB	140, 181, 200
Decimal	9226408
CIELab	76.00, -26.01, 9.89
CIELCh	76, 27.831, 159.184
Yxy	49.8872, 0.2901, 0.3741
Android (android.graphics.Color)	4287416488 (0xFF8CC8A8)
YUV	178.4120, -5.1331, -33.6873
Hunter-Lab	70.6309, -25.8426, 11.8530

Details

The CIELCh color **76, 27.831, 159.184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 28.705, 344.559**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.678, 159.823**, and **56, 27.911, 158.983** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.764, 158.035**, and if you desaturate by 10%, it is **77, 18.631, 160.203**.

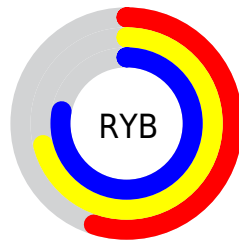
Distribution



Red (55%)

Green (78%)

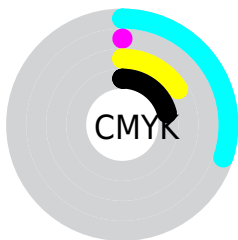
Blue (66%)



Red (55%)

Yellow (71%)

Blue (78%)

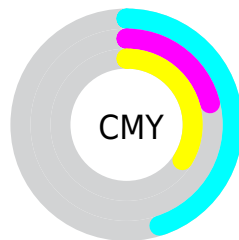


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (21%)



Cyan (45%)


Magenta (21%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.831, 159.184 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, 27.831, 159.184 by changing the saturation by 10% instead.

 76, 27.831,
159.184

 76, 27.831,
159.184


 100, 27.831,
159.184


 66, 27.831,
159.184


 96, 27.831,
159.184

 56, 27.831,
159.184

 46, 27.831,
159.184

 36, 27.831,
159.184

 26, 27.831,
159.184

 16, 27.831,
159.184

 6, 27.831, 159.184

■ 0, 27.831, 159.184

■ 76, 27.831,
159.184

■ 76, 27.831,
159.184

■ 75, 36.764,
158.035

■ 77, 18.631,
160.203

■ 74, 45.269,
156.733

■ 79, 9.300, 161.127

■ 73, 53.189,
155.254

■ 81, 0.043, 332.700

■ 83, 9.302, 342.587

■ 72, 60.380,
153.576

■ 85, 18.410,
343.278

■ 72, 66.742,
151.687

■ 86, 25.798,
340.986

■ 71, 72.236,
149.597

■ 87, 29.529,
332.548

■ 71, 76.988,
147.399

■ 87, 33.789,
326.234

■ 71, 77.006,
147.391

■ 87, 34.304,
325.617

Harmonies

Complementary

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



76, 27.831, 159.184



65, 28.705, 344.559

Rectangle

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



76, 27.831, 159.184



76, 27.831, 209.184



76, 27.831, 339.184



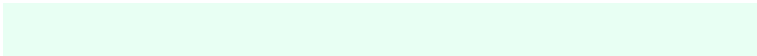
76, 27.831, 29.184

Sweetspot

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



76, 27.832, 159.183



98, 10.219, 161.202



77, 33.433, 125.865



52, 7.103, 161.069



0, 0.000, 0.000



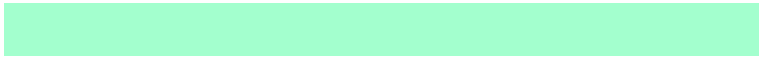
53, 0.007, 296.813

Same Dimension

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



76, 27.832, 159.183



93, 40.448, 158.447



77, 20.340, 193.319



41, 5.263, 161.179



59, 65.632, 147.758



11, 20.581, 154.530

Inverse Universe

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



65, 28.705, 344.559



77, 41.949, 345.277



64, 24.461, 18.070



39, 5.321, 342.605



35, 61.190, 358.462



4, 18.204, 350.932

Previews

White Background



This preview shows how the CIELCh color 76, 27.831, 159.184 looks on a white background.

Color Contrast Check

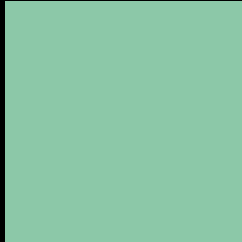
Large Text (above 18pt) WCAG AA × Fail

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, 27.831, 159.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

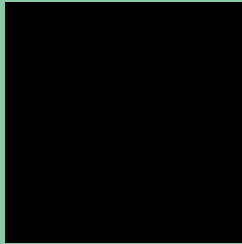
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 27.831, 159.184

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.831, 159.184.

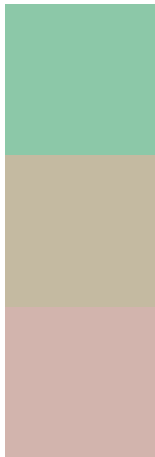


This preview shows how white text looks on a background with the CIELCh color 76, 27.831, 159.184.

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, 27.831, 159.184

Protanopia
76, 13.964, 92.558

Deuteranopia
76, 12.263, 38.015



Tritanopia
76, 16.953, 229.210

Trichromacy



Original Color
76, 27.831, 159.184



Protanomaly
76, 15.603, 130.383



Deuteranomaly
75, 8.628, 114.429



Tritanomaly
76, 17.145, 196.313

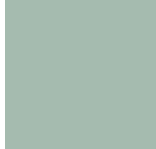
Monochromacy



Original Color
76, 27.831, 159.184



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 10.481, 160.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.831, 159.184 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(140, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 168)  
}
```

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(140, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.831, 159.184 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(140, 200, 168) }
```

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

```
.border{ border-color:rgb(140, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 200, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 200, 168);  
box-shadow:4px 4px 4px 4px rgb(140, 200,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.831, 159.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 200, 168) }
```

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

```
.background{ background-color: rgb(140,  
200, 168) }
```

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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