

Converting Colors

CIELCh(79, 32.343, 166.579)

Have a look what the booklet for
CIELCh(79, 32.343, 166.579)
contains.

CIELCh(79, 32.073, 167.098)	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(79, 32.073, 167.098)

Conversions

Conversions Part 1

Format	Color
Hex	83D3B5
RGB	131, 211, 181
RGB Percent	51%, 83%, 71%
CMY	0.4852, 0.1714, 0.2891
CMYK	0.38, 0.00, 0.14, 0.17
HSL	157°, 48%, 67%
HSV	157°, 38%, 83%
XYZ	41.1396, 54.9284, 52.3009
YIQ	183.6600, -38.0500, -26.2900

Conversions

Conversions Part 2

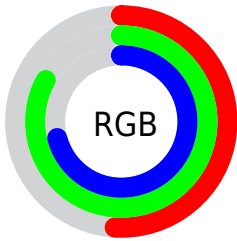
Format	Color
RYB	131, 180, 211
Decimal	8639413
CIELab	79.00, -31.26, 7.16
CIElCh	79, 32.073, 167.098
Yxy	54.9284, 0.2773, 0.3702
Android (android.graphics.Color)	4286829493 (0xFF83D3B5)
YUV	183.6600, -1.3114, -46.1828
Hunter-Lab	74.1137, -30.6158, 10.0395

Details

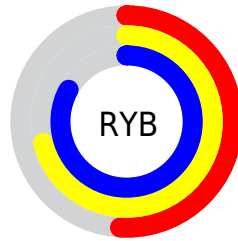
The CIELCh color **79, 32.073, 167.098** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 34.860, 355.236**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.748, 175.859**, and **59, 32.096, 166.896** is the 20% darker color. If you saturate the color by 10%, you get **78, 39.702, 165.801**, and if you desaturate by 10%, it is **80, 23.964, 168.264**.

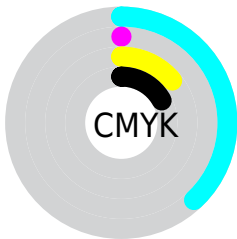
Distribution



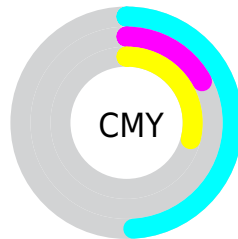
- Red (51%)
- Green (83%)
- Blue (71%)



- Red (51%)
- Yellow (71%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)





- Cyan (49%)
- Magenta (17%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.073, 167.098 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 79, 32.073, 167.098 by changing the saturation by 10% instead.


 79, 32.073,
167.098

 79, 32.073,
167.098


 100, 32.073,
167.098


 69, 32.073,
167.098


 99, 32.073,
167.098

 59, 32.073,
167.098

 49, 32.073,
167.098

 39, 32.073,
167.098

 29, 32.073,
167.098

 19, 32.073,
167.098

 9, 32.073, 167.098

■ 0, 32.073, 167.098

■ 79, 32.073,
167.098

■ 79, 32.073,
167.098

■ 78, 39.702,
165.801

■ 80, 23.964,
168.264

■ 77, 46.702,
164.351

■ 82, 15.516,
169.329

■ 76, 52.951,
162.723

■ 83, 6.865, 170.332

■ 76, 58.364,
160.894

■ 85, 1.873, 350.902


■ 75, 62.924,
158.854

■ 87, 10.603,
351.936


■ 75, 66.722,
156.632


■ 89, 18.273,
350.949

■ 89, 20.501,

 75, 67.493,
156.165

340.804

 89, 23.267,
332.930

 89, 26.398,
326.901

Harmonies

Complementary

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



79, 32.073, 167.098



64, 34.860, 355.236

Rectangle

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



79, 32.073, 167.098



79, 32.073, 217.098



79, 32.073, 347.098



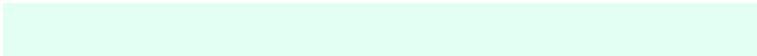
79, 32.073, 37.098

Sweetspot

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



79, 32.074, 167.097



98, 11.171, 170.007



80, 45.944, 131.267



52, 7.501, 169.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.074, 167.097



93, 43.718, 166.122



77, 22.939, 210.562



43, 4.908, 170.178



61, 56.576, 156.559



13, 19.796, 161.829

Inverse Universe

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



64, 34.860, 355.236



72, 48.265, 356.458



65, 30.325, 31.873



41, 5.011, 351.782



35, 62.397, 13.663



5, 20.845, 1.547

Previews

White Background



This preview shows how the CIELCh color 79, 32.073, 167.098 looks on a white background.

Color Contrast Check

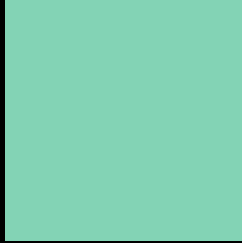
Large Text (above 18pt) WCAG AA × Fail

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 79, 32.073, 167.098 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

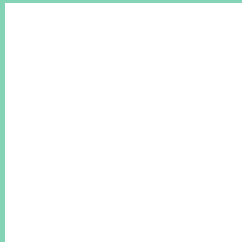
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.073, 167.098

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.073, 167.098.

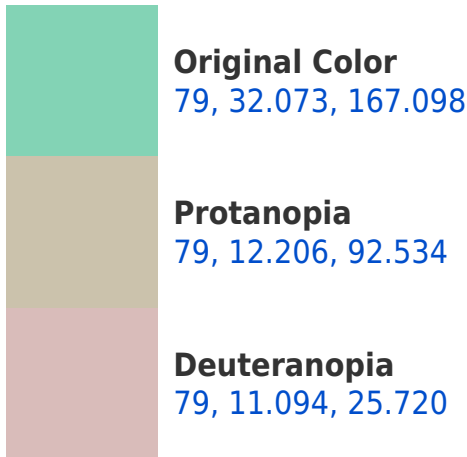


This preview shows how white text looks on a background with the CIELCh color 79, 32.073, 167.098.

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
79, 22.033, 221.070

Trichromacy



Original Color
79, 32.073, 167.098



Protanomaly
78, 15.932, 141.613



Deuteranomaly
78, 7.438, 139.544

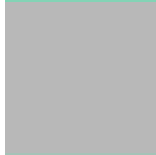


Tritanomaly
79, 23.263, 196.413

Monochromacy



Original Color
79, 32.073, 167.098



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 12.170, 169.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.073, 167.098 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(131, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(131, 211, 181)  
}
```

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(131, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 211, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.073, 167.098 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(131, 211, 181) }
```

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

```
.border{ border-color:rgb(131, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(131, 211,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.073, 167.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 211, 181) }
```

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

```
.background{ background-color: rgb(131,  
211, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor