

Converting Colors

CIELCh(80, 35.196, 171.348)

Have a look what the booklet for
CIELCh(80, 35.196, 171.348)
contains.

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Color

CIELCh(80, 35.387, 170.960)

Conversions

Conversions Part 1

Format	Color
Hex	79D8BB
RGB	121, 216, 187
RGB Percent	47%, 85%, 73%
CMY	0.5260, 0.1534, 0.2672
CMYK	0.44, 0.00, 0.13, 0.15
HSL	162°, 55%, 66%
HSV	162°, 44%, 85%
XYZ	41.3443, 56.6813, 55.7033
YIQ	184.2890, -47.3110, -29.1590

Conversions

Conversions Part 2

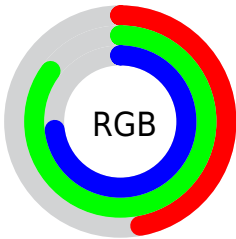
Format	Color
RYB	121, 177, 216
Decimal	7985339
CIELab	80.00, -34.95, 5.56
CIELCh	80, 35.387, 170.960
Yxy	56.6813, 0.2689, 0.3687
Android (android.graphics.Color)	4286175419 (0xFF79D8BB)
YUV	184.2890, 1.3365, -55.5045
Hunter-Lab	75.2870, -33.7279, 8.8335

Details

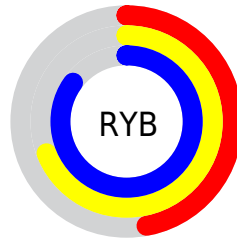
The CIELCh color **80, 35.387, 170.960** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 40.284, 1.147**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.044, 184.008**, and **60, 35.542, 170.856** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.170, 169.612**, and if you desaturate by 10%, it is **81, 27.980, 172.177**.

Distribution



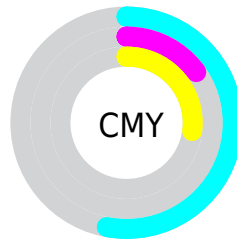
- Red (47%)
- Green (85%)
- Blue (73%)



- Red (47%)
- Yellow (69%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (53%)
- Magenta (15%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 35.387, 170.960 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 80, 35.387, 170.960 by changing the saturation by 10% instead.


 80, 35.387,
170.960


 80, 35.387,
170.960


 100, 35.387,
170.960


 70, 35.387,
170.960


 60, 35.387,
170.960

 50, 35.387,
170.960

 40, 35.387,
170.960

 30, 35.387,
170.960

 20, 35.387,
170.960

 10, 35.387,

170.960

■ 0, 35.387, 170.960

■ 80, 35.387,
170.960

■ 80, 35.387,
170.960

■ 79, 42.170,
169.612

■ 81, 27.980,
172.177

■ 78, 48.198,
168.113

■ 82, 20.090,
173.292

■ 78, 53.381,
166.436

■ 84, 11.858,
174.329

■ 77, 57.682,
164.562

■ 86, 3.413, 175.382

■ 77, 61.146,
162.487

■ 87, 5.133, 356.023

■ 89, 13.690,
356.921

■ 77, 62.950,
161.197

■ 90, 16.674,
348.537

■ 90, 18.626,
339.518

■ 90, 20.966,
332.416

Harmonies

Complementary

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



80, 35.387, 170.960



62, 40.284, 1.147

Rectangle

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



80, 35.387, 170.960



80, 35.387, 220.960



80, 35.387, 350.960



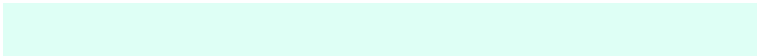
80, 35.387, 40.960

Sweetspot

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



80, 35.388, 170.959



97, 12.607, 174.419



80, 55.157, 133.022



52, 8.804, 174.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 35.388, 170.959



92, 47.449, 169.684



76, 25.272, 219.805



44, 4.791, 174.793



62, 52.555, 161.580



15, 19.209, 166.246

Inverse Universe

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



62, 40.284, 1.147



67, 55.459, 3.065



65, 35.097, 38.079



42, 4.921, 356.433



36, 64.675, 20.275



5, 22.295, 5.965

Previews

White Background



This preview shows how the CIELCh color 80, 35.387, 170.960 looks on a white background.

Color Contrast Check

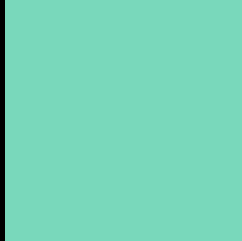
Large Text (above 18pt) WCAG AA × Fail

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 80, 35.387, 170.960 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

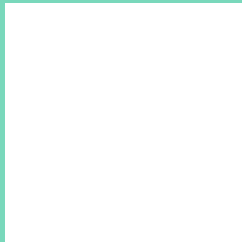
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 35.387, 170.960

Background



This preview shows how black text looks on a background with the CIELCh color 80, 35.387, 170.960.

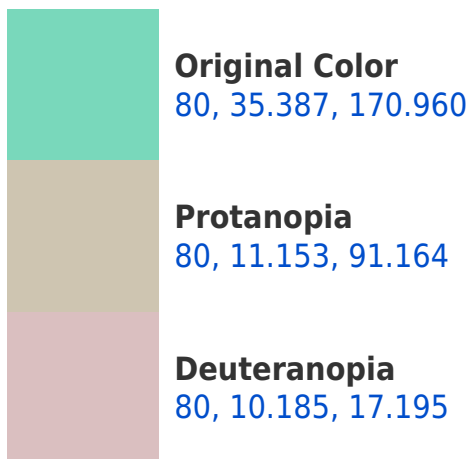


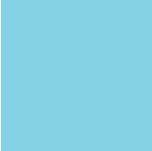
This preview shows how white text looks on a background with the CIELCh color 80, 35.387, 170.960.

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



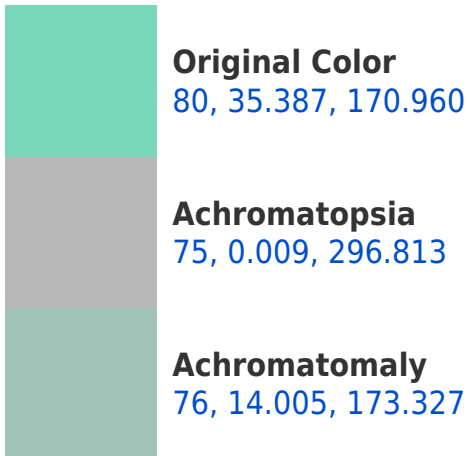


Tritanopia
80, 25.329, 218.999

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 35.387, 170.960 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(121, 216, 187)` looks like.

```
.text, #text, p{  
    color:rgb(121, 216, 187)  
}
```

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(121, 216, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 216, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 35.387, 170.960 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(121, 216, 187) }
```

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

```
.border{ border-color:rgb(121, 216, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 216, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 216, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 216, 187); box-shadow:4px 4px 4px 4px rgb(121, 216, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 35.387, 170.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 216, 187) }
```

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

```
.background{ background-color: rgb(121,  
216, 187) }
```

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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