

Converting Colors

CIELCh(80, 25.167, 189.430)

Have a look what the booklet for
CIELCh(80, 25.167, 189.430)
contains.

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Color

CIELCh(80, 25.349, 189.072)

Conversions

Conversions Part 1

Format	Color
Hex	88D4CD
RGB	136, 212, 205
RGB Percent	53%, 83%, 80%
CMY	0.4669, 0.1689, 0.1964
CMYK	0.36, 0.00, 0.03, 0.17
HSL	174°, 47%, 68%
HSV	174°, 36%, 83%
XYZ	44.6763, 56.6813, 66.2961
YIQ	188.4780, -43.0490, -18.2890

Conversions

Conversions Part 2

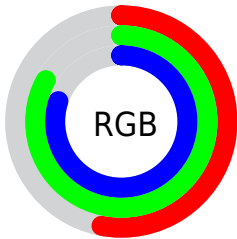
Format	Color
RYB	136, 176, 212
Decimal	8967373
CIELab	80.00, -25.03, -4.00
CIElCh	80, 25.349, 189.072
Yxy	56.6813, 0.2665, 0.3381
Android (android.graphics.Color)	4287157453 (0xFF88D4CD)
YUV	188.4780, 8.1453, -46.0232
Hunter-Lab	75.2870, -25.8279, 0.4914

Details

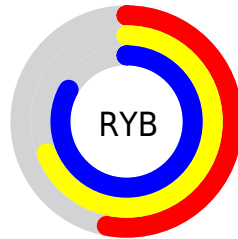
The CIELCh color **80, 25.349, 189.072** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 31.128, 15.717**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **60, 25.383, 189.405** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.131, 188.273**, and if you desaturate by 10%, it is **81, 18.897, 189.853**.

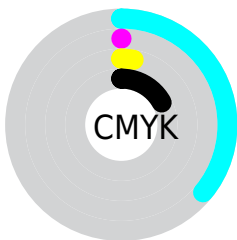
Distribution



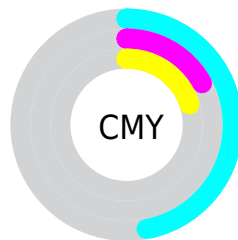
- Red (53%)
- Green (83%)
- Blue (80%)



- Red (53%)
- Yellow (69%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





- Cyan (47%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 25.349, 189.072 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, 25.349, 189.072 by changing the saturation by 10% instead.


 80, 25.349,
189.072


 80, 25.349,
189.072


 100, 25.349,
189.072


 70, 25.349,
189.072

 60, 25.349,
189.072

 50, 25.349,
189.072

 40, 25.349,
189.072

 30, 25.349,
189.072

 20, 25.349,
189.072

 10, 25.349,

189.072

0, 25.349, 189.072

80, 25.349,
189.072

80, 25.349,
189.072

79, 31.131,
188.273

81, 18.897,
189.853

78, 36.123,
187.452

82, 11.900,
190.636

78, 40.233,
186.594

84, 4.488, 191.472

77, 43.409,
185.683

86, 3.224, 11.925

77, 45.658,
184.701

87, 11.134, 12.795

89, 16.120, 11.906

■ 77, 47.059,
183.632

■ 89, 16.250, 8.371

■ 77, 47.502,
183.178

■ 89, 16.444, 4.908

■ 89, 16.699, 1.540

Harmonies

Complementary

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



80, 25.349, 189.072



65, 31.128, 15.717

Rectangle

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



80, 25.349, 189.072



80, 25.349, 239.072



80, 25.349, 9.072



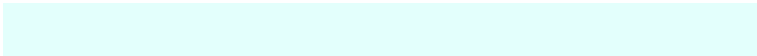
80, 25.349, 59.072

Sweetspot

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



80, 25.350, 189.069



98, 9.691, 191.016



79, 47.619, 139.458



52, 6.493, 190.905



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, 25.350, 189.069



94, 34.274, 188.466



72, 21.584, 249.178



44, 4.355, 191.156



63, 40.397, 183.356



15, 15.561, 185.569

Inverse Universe

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



65, 31.128, 15.717



72, 44.213, 17.043



72, 25.491, 60.323



42, 4.575, 12.493



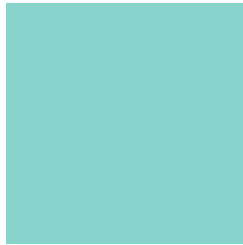
35, 73.576, 35.981



5, 21.966, 15.658

Previews

White Background



This preview shows how the CIELCh color 80, 25.349, 189.072 looks on a white background.

Color Contrast Check

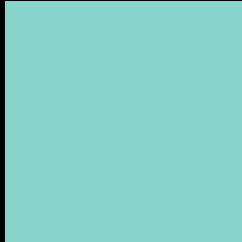
Large Text (above 18pt) WCAG AA × Fail

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 80, 25.349, 189.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

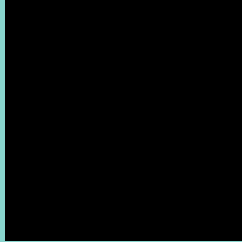
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

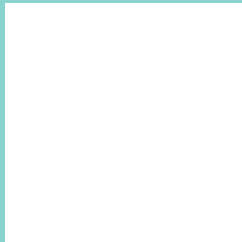
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 25.349, 189.072

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.349, 189.072.

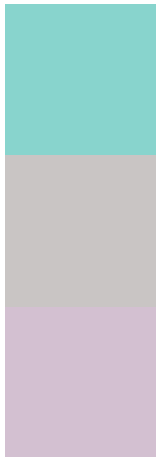


This preview shows how white text looks on a background with the CIELCh color 80, 25.349, 189.072.

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
80, 25.349, 189.072

Protanopia
80, 1.559, 39.077

Deuteranopia
80, 11.440, 327.927



Tritanopia
80, 22.907, 221.517

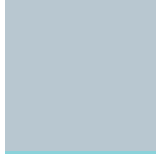
Trichromacy



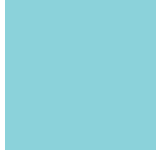
Original Color
80, 25.349, 189.072



Protanomaly
79, 9.080, 188.598



Deuteranomaly
79, 7.060, 242.136

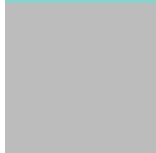


Tritanomaly
80, 22.960, 208.648

Monochromacy



Original Color
80, 25.349, 189.072



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 10.136, 189.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.349, 189.072 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(136, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(136, 212, 205)  
}
```

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(136, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 212, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.349, 189.072 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(136, 212, 205) }
```

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

```
.border{ border-color:rgb(136, 212, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(136, 212,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.349, 189.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 212, 205) }
```

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

```
.background{ background-color: rgb(136,  
212, 205) }
```

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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