

Converting Colors

CIELCh(80, 26.231, 188.391)

Have a look what the booklet for
CIELCh(80, 26.231, 188.391)
contains.

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Color

CIELCh(80, 25.897, 189.212)

Conversions

Conversions Part 1

Format	Color
Hex	86D4CD
RGB	134, 212, 205
RGB Percent	53%, 83%, 80%
CMY	0.4738, 0.1679, 0.1953
CMYK	0.37, 0.00, 0.03, 0.17
HSL	175°, 48%, 68%
HSV	175°, 37%, 83%
XYZ	44.4934, 56.6813, 66.4709
YIQ	187.8800, -44.2410, -18.7130

Conversions

Conversions Part 2

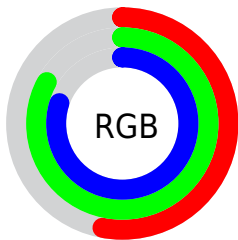
Format	Color
RYB	134, 175, 212
Decimal	8836301
CIELab	80.00, -25.56, -4.15
CIELCh	80, 25.897, 189.212
Yxy	56.6813, 0.2654, 0.3381
Android (android.graphics.Color)	4287026381 (0xFF86D4CD)
YUV	187.8800, 8.4402, -47.2528
Hunter-Lab	75.2870, -26.2615, 0.3537

Details

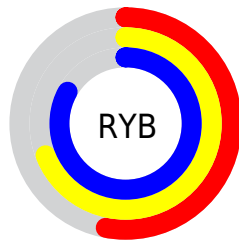
The CIELCh color **80, 25.897, 189.212** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 32.024, 16.041**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **60, 25.870, 189.507** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.606, 188.420**, and if you desaturate by 10%, it is **81, 19.504, 189.987**.

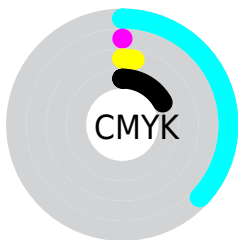
Distribution



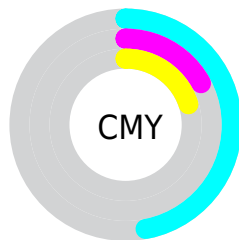
- Red (53%)
- Green (83%)
- Blue (80%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 25.897, 189.212 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, 25.897, 189.212 by changing the saturation by 10% instead.


 80, 25.897,
189.212


 80, 25.897,
189.212


 100, 25.897,
189.212


 70, 25.897,
189.212

 60, 25.897,
189.212

 50, 25.897,
189.212

 40, 25.897,
189.212

 30, 25.897,
189.212

 20, 25.897,
189.212

 10, 25.897,

189.212

0, 25.897, 189.212

80, 25.897,
189.212

80, 25.897,
189.212

79, 31.606,
188.420

81, 19.504,
189.987

78, 36.513,
187.607

82, 12.553,
190.763

78, 40.529,
186.759

84, 5.171, 191.581

86, 2.522, 11.998

77, 43.607,
185.857

87, 10.424, 12.910

77, 45.760,
184.886

89, 16.004, 12.365

■ 77, 47.082,
183.831

■ 89, 16.123, 8.886

■ 77, 47.424,
183.483

■ 89, 16.302, 5.473

■ 89, 16.541, 2.147

Harmonies

Complementary

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



80, 25.897, 189.212



64, 32.024, 16.041

Rectangle

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



80, 25.897, 189.212



80, 25.897, 239.212



80, 25.897, 9.212



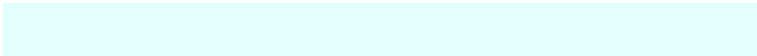
80, 25.897, 59.212

Sweetspot

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



80, 25.898, 189.209



98, 9.684, 191.211



79, 48.837, 139.386



52, 6.488, 191.101



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, 25.898, 189.209



93, 34.876, 188.603



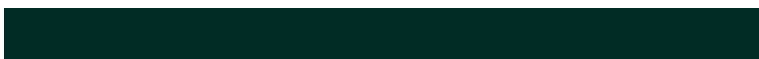
71, 22.107, 249.365



44, 4.352, 191.350



63, 40.294, 183.658



15, 15.530, 185.825

Inverse Universe

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



64, 32.024, 16.041



72, 45.359, 17.414



71, 26.235, 60.239



42, 4.573, 12.680



35, 73.676, 36.097



5, 21.965, 15.762

Previews

White Background



This preview shows how the CIE LCh color 80, 25.897, 189.212 looks on a white background.

Color Contrast Check

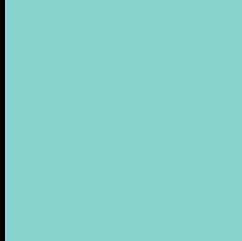
Large Text (above 18pt) WCAG AA × Fail

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, 25.897, 189.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

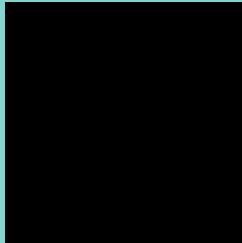
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

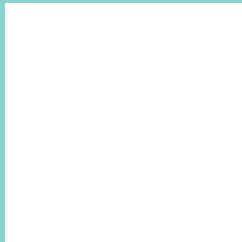
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 25.897, 189.212

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.897, 189.212.

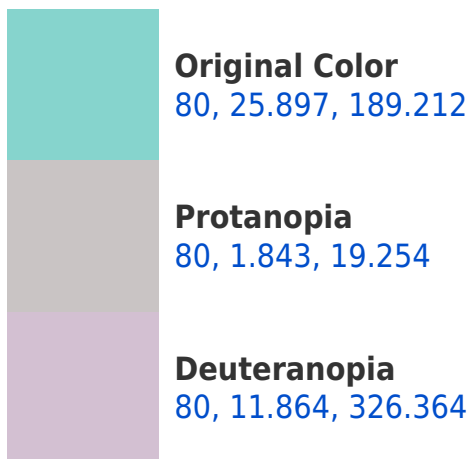


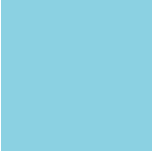
This preview shows how white text looks on a background with the CIELCh color 80, 25.897, 189.212.

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, 23.400, 220.965

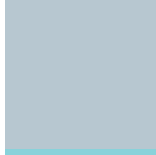
Trichromacy



Original Color
80, 25.897, 189.212



Protanomaly
79, 9.080, 188.598



Deuteranomaly
79, 7.316, 240.284

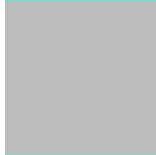


Tritanomaly
80, 23.493, 208.366

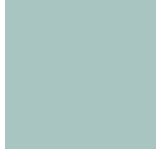
Monochromacy



Original Color
80, 25.897, 189.212



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 10.474, 189.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.897, 189.212 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(134, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 212, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.897, 189.212 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(134, 212, 205) }
```

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

```
.border{ border-color:rgb(134, 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(134, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(134, 212,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.897, 189.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 212, 205) }
```

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

```
.background{ background-color: rgb(134,  
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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