

Converting Colors

CIELCh(82, 26.538, 196.862)

Have a look what the booklet for
CIELCh(82, 26.538, 196.862)
contains.

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Color

CIELCh(82, 26.478, 196.419)

Conversions

Conversions Part 1

Format	Color
Hex	87DAD9
RGB	135, 218, 217
RGB Percent	53%, 85%, 85%
CMY	0.4706, 0.1451, 0.1490
CMYK	0.38, 0.00, 0.00, 0.15
HSL	179°, 53%, 69%
HSV	179°, 38%, 85%
XYZ	47.5829, 60.2982, 74.7710
YIQ	193.0690, -49.1470, -17.9070

Conversions

Conversions Part 2

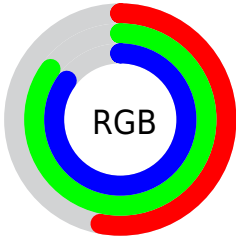
Format	Color
RYB	135, 177, 218
Decimal	8903385
CIELab	82.00, -25.40, -7.48
CIELCh	82, 26.478, 196.419
Yxy	60.2982, 0.2605, 0.3301
Android (android.graphics.Color)	4287093465 (0xFF87DAD9)
YUV	193.0690, 11.7980, -50.9265
Hunter-Lab	77.6519, -26.5111, -2.7340

Details

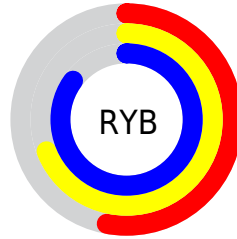
The CIELCh color **82, 26.478, 196.419** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 34.424, 22.125**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **62, 26.588, 195.911** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.842, 195.989**, and if you desaturate by 10%, it is **83, 20.336, 196.894**.

Distribution



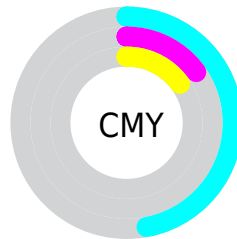
- Red (53%)
- Green (85%)
- Blue (85%)



- Red (53%)
- Yellow (69%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.478, 196.419 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 82, 26.478, 196.419 by changing the saturation by 10% instead.


 82, 26.478,
196.419


 82, 26.478,
196.419


 100, 26.478,
196.419


 72, 26.478,
196.419

 62, 26.478,
196.419

 52, 26.478,
196.419

 42, 26.478,
196.419

 32, 26.478,
196.419

 22, 26.478,
196.419

 12, 26.478,

196.419

■ 2, 26.478, 196.419

■ 0, 26.478, 196.419

■ 82, 26.478,
196.419

■ 82, 26.478,
196.419

■ 81, 31.842,
195.989

■ 83, 20.336,
196.894

■ 80, 36.324,
195.614

■ 84, 13.539,
197.423

■ 80, 39.851,
195.289

■ 86, 6.214, 198.026

■ 79, 42.401,
195.011

■ 87, 1.516, 18.127

■ 89, 9.539, 19.060

■ 79, 44.008,

194.774

90, 13.669, 19.111

79, 44.808,
194.568

90, 13.667, 18.544

79, 44.923,
194.530

90, 13.665, 17.976

90, 13.665, 17.408

Harmonies

Complementary

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



82, 26.478, 196.419



65, 34.424, 22.125

Rectangle

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



82, 26.478, 196.419



82, 26.478, 246.419



82, 26.478, 16.419



82, 26.478, 66.419

Sweetspot

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



82, 26.478, 196.416



98, 9.541, 197.830



80, 53.005, 141.221



52, 6.388, 197.746



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 26.478, 196.416



93, 34.903, 196.057



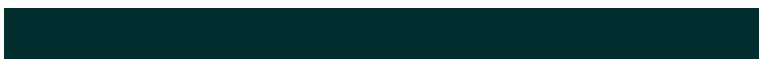
71, 25.167, 259.991



45, 4.375, 197.935



64, 37.866, 194.558



16, 15.184, 194.870

Inverse Universe

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



65, 34.424, 22.125



70, 48.478, 23.568



74, 28.376, 68.948



43, 4.638, 18.954



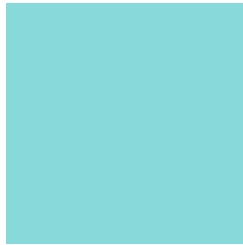
36, 77.712, 39.437



5, 23.820, 19.749

Previews

White Background



This preview shows how the CIE LCh color 82, 26.478, 196.419 looks on a white background.

Color Contrast Check

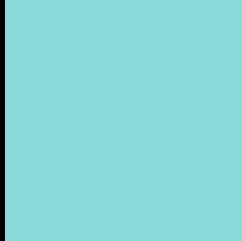
Large Text (above 18pt) WCAG AA × Fail

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 82, 26.478, 196.419 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

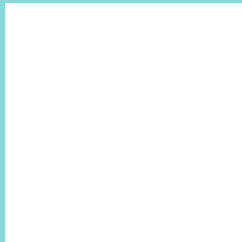
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 26.478, 196.419

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.478, 196.419.

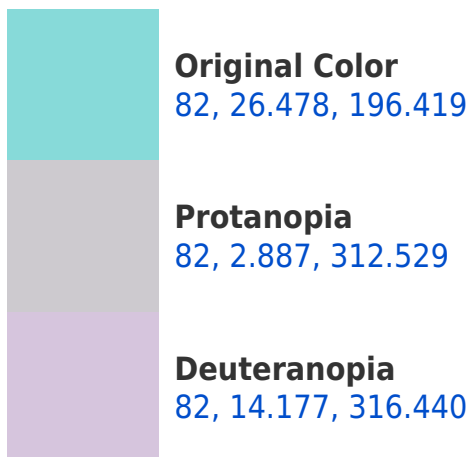


This preview shows how white text looks on a background with the CIELCh color 82, 26.478, 196.419.

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
82, 25.085, 219.133

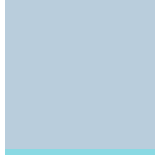
Trichromacy



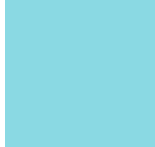
Original Color
82, 26.478, 196.419



Protanomaly
82, 9.850, 208.099



Deuteranomaly
81, 10.383, 249.364

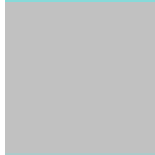


Tritanomaly
82, 25.085, 210.077

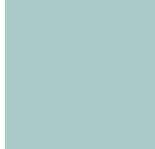
Monochromacy



Original Color
82, 26.478, 196.419



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.542, 198.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.478, 196.419 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(135, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(135, 218, 217)  
}
```

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(135, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 218, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.478, 196.419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

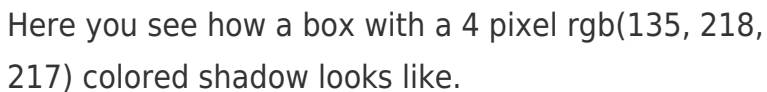
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 218, 217) }
```

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

```
.border{ border-color:rgb(135, 218, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 218, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 218, 217); box-shadow:4px 4px 4px 4px rgb(135, 218, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.478, 196.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 218, 217) }
```

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

```
.background{ background-color: rgb(135,  
218, 217) }
```

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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