

Converting Colors

CIELCh(82, 25.839, 203.198)

Have a look what the booklet for
CIELCh(82, 25.839, 203.198)
contains.

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Color

CIELCh(82, 25.854, 203.597)

Conversions

Conversions Part 1

Format	Color
Hex	87D9DE
RGB	135, 217, 222
RGB Percent	53%, 85%, 87%
CMY	0.4691, 0.1475, 0.1279
CMYK	0.39, 0.02, 0.00, 0.13
HSL	183°, 57%, 70%
HSV	183°, 39%, 87%
XYZ	48.1990, 60.2982, 78.4728
YIQ	193.0520, -50.4770, -15.8290

Conversions

Conversions Part 2

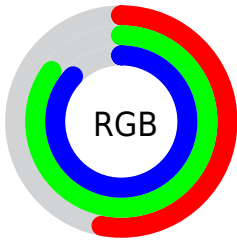
Format	Color
RYB	135, 177, 222
Decimal	8903134
CIELab	82.00, -23.69, -10.35
CIElCh	82, 25.854, 203.597
Yxy	60.2982, 0.2578, 0.3225
Android (android.graphics.Color)	4287093214 (0xFF87D9DE)
YUV	193.0520, 14.2714, -50.9116
Hunter-Lab	77.6519, -25.0949, -5.5605

Details

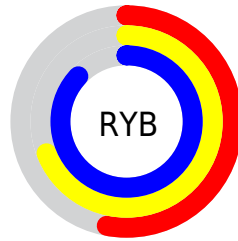
The CIELCh color **82, 25.854, 203.597** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 34.439, 27.286**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **62, 25.836, 203.550** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.833, 203.602**, and if you desaturate by 10%, it is **83, 20.094, 203.706**.

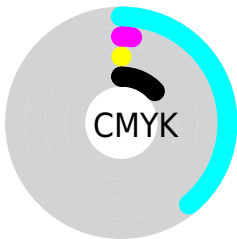
Distribution



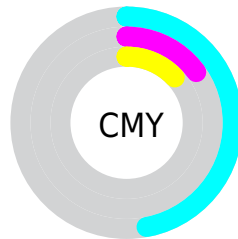
- Red (53%)
- Green (85%)
- Blue (87%)



- Red (53%)
- Yellow (69%)
- Blue (87%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (47%)
- Magenta (15%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 25.854, 203.597 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, 25.854, 203.597 by changing the saturation by 10% instead.


 82, 25.854,
203.597


 82, 25.854,
203.597


 100, 25.854,
203.597


 72, 25.854,
203.597

 62, 25.854,
203.597

 52, 25.854,
203.597

 42, 25.854,
203.597

 32, 25.854,
203.597

 22, 25.854,
203.597

 12, 25.854,

203.597

■ 2, 25.854, 203.597

■ 0, 25.854, 203.597

■ 82, 25.854,
203.597

■ 82, 25.854,
203.597

■ 81, 30.833,
203.602

■ 83, 20.094,
203.706

■ 80, 34.927,
203.748

■ 85, 13.674,
203.924

■ 79, 38.065,
204.053

■ 87, 6.716, 204.252

■ 78, 40.220,
204.536

■ 89, 0.662, 23.599

■ 91, 8.354, 24.833

■ 77, 41.431,

205.212

92, 11.087, 27.206

77, 41.862,
206.073

92, 10.727, 30.940

77, 41.887,
206.152

92, 10.417, 34.914

93, 10.161, 39.109

Harmonies

Complementary

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



82, 25.854, 203.597



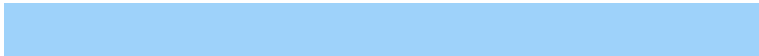
67, 34.439, 27.286

Rectangle

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



82, 25.854, 203.597



82, 25.854, 253.597



82, 25.854, 23.597



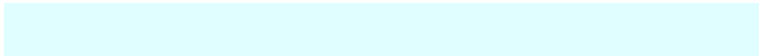
82, 25.854, 73.597

Sweetspot

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



82, 25.854, 203.594



97, 9.793, 204.139



82, 53.751, 142.800



52, 6.471, 204.094



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, 25.854, 203.594



92, 33.287, 203.591



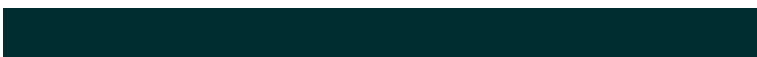
70, 28.330, 267.429



46, 4.207, 204.239



62, 35.201, 205.989



16, 14.618, 204.315

Inverse Universe

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



68, 53.388, 328.214



73, 70.737, 328.650



77, 30.594, 75.511



44, 7.841, 326.530



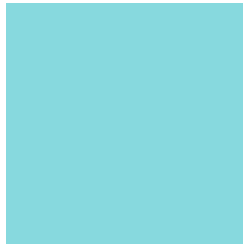
41, 83.649, 330.648



8, 34.571, 330.224

Previews

White Background



This preview shows how the CIE LCh color 82, 25.854, 203.597 looks on a white background.

Color Contrast Check

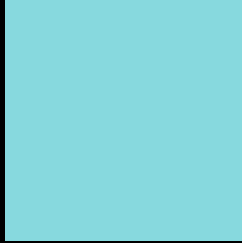
Large Text (above 18pt) WCAG AA × Fail

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, 25.854, 203.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

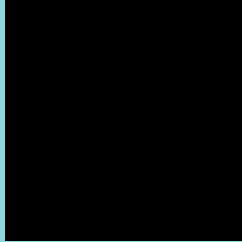
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 25.854, 203.597

Background



This preview shows how black text looks on a background with the CIELCh color 82, 25.854, 203.597.

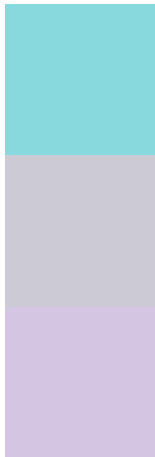


This preview shows how white text looks on a background with the CIELCh color 82, 25.854, 203.597.

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
82, 25.854, 203.597

Protanopia
82, 5.896, 297.660

Deuteranopia
82, 16.235, 309.050

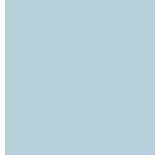


Tritanopia
82, 25.325, 218.908

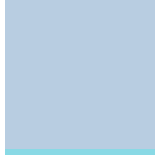
Trichromacy



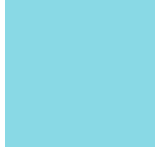
Original Color
82, 25.854, 203.597



Protanomaly
82, 10.742, 222.153



Deuteranomaly
81, 12.620, 256.663

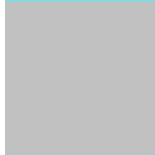


Tritanomaly
82, 25.417, 212.399

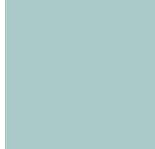
Monochromacy



Original Color
82, 25.854, 203.597



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.522, 204.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 25.854, 203.597 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, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 217, 222)  
}
```

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, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 217, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 25.854, 203.597 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, 217, 222) }
```

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

```
.border{ border-color:rgb(135, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 217,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 25.854, 203.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 217, 222) }
```

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

```
.background{ background-color: rgb(135,  
217, 222) }
```

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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