

Converting Colors

CIELCh(82, 25.356, 184.168)

Have a look what the booklet for
CIELCh(82, 25.356, 184.168)
contains.

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Color

CIELCh(82, 25.610, 183.145)

Conversions

Conversions Part 1

Format	Color
Hex	90DACE
RGB	144, 218, 206
RGB Percent	56%, 85%, 81%
CMY	0.4366, 0.1465, 0.1935
CMYK	0.34, 0.00, 0.06, 0.15
HSL	170°, 50%, 71%
HSV	170°, 34%, 85%
XYZ	47.5207, 60.2982, 67.3060
YIQ	194.5060, -40.2520, -19.4200

Conversions

Conversions Part 2

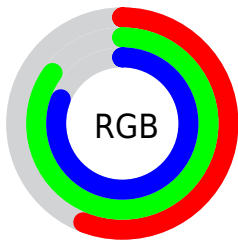
Format	Color
RYB	144, 184, 218
Decimal	9493198
CIELab	82.00, -25.57, -1.41
CIELCh	82, 25.610, 183.145
Yxy	60.2982, 0.2714, 0.3443
Android (android.graphics.Color)	4287683278 (0xFF90DACE)
YUV	194.5060, 5.6665, -44.2938
Hunter-Lab	77.6519, -26.6541, 2.9658

Details

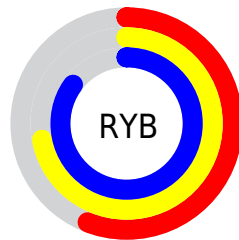
The CIELCh color **82, 25.610, 183.145** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 30.077, 10.077**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **62, 25.608, 183.138** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.052, 182.135**, and if you desaturate by 10%, it is **83, 18.566, 184.098**.

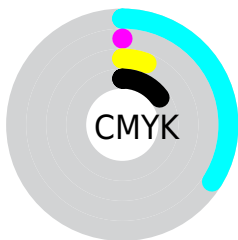
Distribution



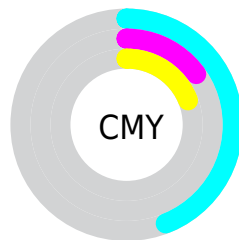
- Red (56%)
- Green (85%)
- Blue (81%)



- Red (56%)
- Yellow (72%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 25.610, 183.145 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, 25.610, 183.145 by changing the saturation by 10% instead.


 82, 25.610,
183.145


 82, 25.610,
183.145


 100, 25.610,
183.145


 72, 25.610,
183.145

 62, 25.610,
183.145

 52, 25.610,
183.145

 42, 25.610,
183.145

 32, 25.610,
183.145

 22, 25.610,
183.145

 12, 25.610,

183.145

■ 2, 25.610, 183.145

■ 0, 25.610, 183.145

■ 82, 25.610,
183.145

■ 82, 25.610,
183.145

■ 81, 32.052,
182.135

■ 83, 18.566,
184.098

■ 80, 37.759,
181.059

■ 85, 11.053,
185.022

■ 79, 42.620,
179.893

■ 86, 3.201, 186.013

■ 79, 46.564,
178.617

■ 88, 4.874, 6.565

■ 90, 13.074, 7.450

■ 78, 49.575,

177.207

90, 14.408, 1.257

78, 51.710,
175.648

90, 15.045,
354.637

78, 52.708,
174.666

90, 15.872,
348.645

90, 16.862,
343.316

Harmonies

Complementary

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



82, 25.610, 183.145



67, 30.077, 10.077

Rectangle

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



82, 25.610, 183.145



82, 25.610, 233.145



82, 25.610, 3.145



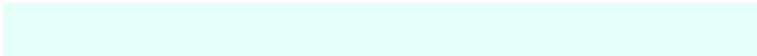
82, 25.610, 53.145

Sweetspot

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



82, 25.611, 183.142



98, 9.039, 185.384



81, 45.214, 137.875



52, 6.153, 185.251



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, 25.611, 183.142



94, 34.290, 182.406



75, 20.274, 239.786



45, 4.545, 185.445



63, 44.349, 174.942



16, 17.218, 178.131

Inverse Universe

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



67, 30.077, 10.077



74, 41.862, 11.340



73, 24.608, 53.198



43, 4.737, 6.970



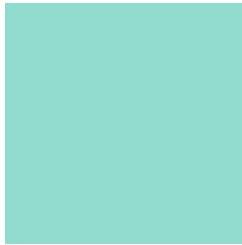
36, 71.182, 31.889



5, 23.724, 13.260

Previews

White Background



This preview shows how the CIE LCh color 82, 25.610, 183.145 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, 25.610, 183.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

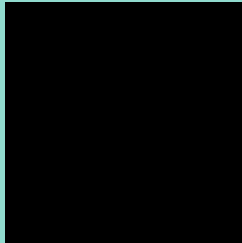
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

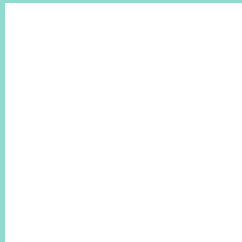
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 25.610, 183.145

Background



This preview shows how black text looks on a background with the CIELCh color 82, 25.610, 183.145.

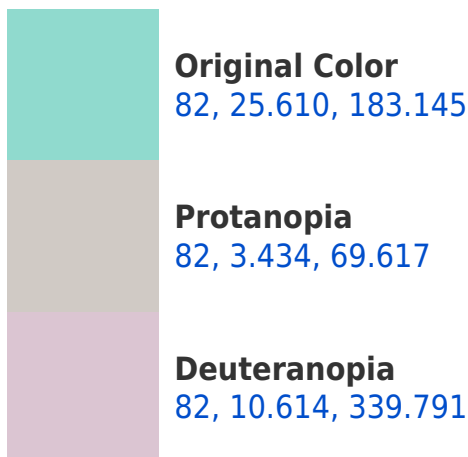


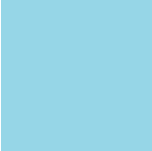
This preview shows how white text looks on a background with the CIELCh color 82, 25.610, 183.145.

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, 21.885, 222.640

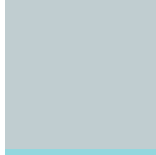
Trichromacy



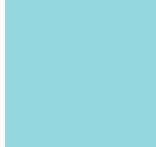
Original Color
82, 25.610, 183.145



Protanomaly
82, 9.350, 171.768



Deuteranomaly
82, 4.867, 218.316

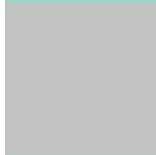


Tritanomaly
82, 21.825, 207.819

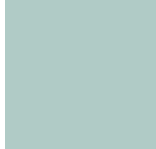
Monochromacy



Original Color
82, 25.610, 183.145



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 10.041, 183.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 25.610, 183.145 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(144, 218, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 218, 206)  
}
```

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(144, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 218, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 25.610, 183.145 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(144, 218, 206) }
```

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

```
.border{ border-color:rgb(144, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 218,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 25.610, 183.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 218, 206) }
```

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

```
.background{ background-color: rgb(144,  
218, 206) }
```

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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