

Converting Colors

CIELCh(82, 25.328, 161.687)

Have a look what the booklet for
CIELCh(82, 25.328, 161.687)
contains.

CIELCh(82, 25.277, 161.714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 25.277, 161.714)

Conversions

Conversions Part 1

Format	Color
Hex	9FD8BC
RGB	159, 216, 188
RGB Percent	62%, 85%, 74%
CMY	0.3754, 0.1518, 0.2617
CMYK	0.26, 0.00, 0.13, 0.15
HSL	151°, 42%, 74%
HSV	151°, 26%, 85%
XYZ	48.0872, 60.2982, 56.8365
YIQ	195.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

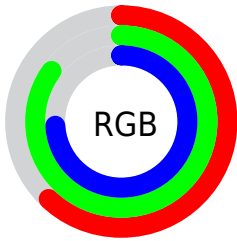
Format	Color
RYB	159, 197, 216
Decimal	10475708
CIELab	82.00, -24.00, 7.93
CIELCh	82, 25.277, 161.714
Yxy	60.2982, 0.2910, 0.3650
Android (android.graphics.Color)	4288665788 (0xFF9FD8BC)
YUV	195.7650, -3.8281, -32.2429
Hunter-Lab	77.6519, -25.3518, 10.9596

Details

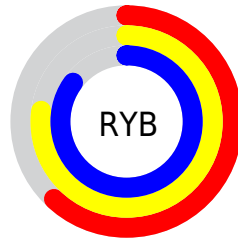
The CIELCh color $82, 25.277, 161.714$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 26.157, 346.544$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.895, 176.268$, and $62, 25.229, 161.919$ is the 20% darker color. If you saturate the color by 10%, you get $81, 34.545, 160.587$, and if you desaturate by 10%, it is $84, 15.758, 162.722$.

Distribution



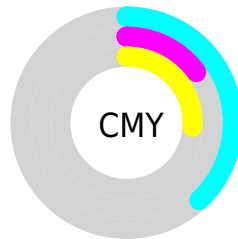
- Red (62%)
- Green (85%)
- Blue (74%)



- Red (62%)
- Yellow (77%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 25.277, 161.714 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, 25.277, 161.714 by changing the saturation by 10% instead.


 82, 25.277,
161.714


 82, 25.277,
161.714


 100, 25.277,
161.714


 72, 25.277,
161.714

 62, 25.277,
161.714

 52, 25.277,
161.714

 42, 25.277,
161.714

 32, 25.277,
161.714

 22, 25.277,
161.714

 12, 25.277,

161.714

■ 2, 25.277, 161.714

■ 0, 25.277, 161.714

■ 82, 25.277,
161.714

■ 82, 25.277,
161.714

■ 81, 34.545,
160.587

■ 84, 15.758,
162.722

■ 79, 43.399,
159.320

■ 85, 6.125, 163.664

■ 79, 51.677,
157.885

■ 87, 3.506, 344.284

■ 89, 13.043,
345.119

■ 78, 59.225,
156.258

■ 90, 18.983,
337.531

■ 77, 65.928,

154.421

91, 23.016,
327.435

77, 71.733,
152.371

91, 24.249,
325.269

76, 76.675,
150.133

76, 78.349,
149.325

Harmonies

Complementary

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



82, 25.277, 161.714



72, 26.157, 346.544

Rectangle

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



82, 25.277, 161.714



82, 25.277, 211.714



82, 25.277, 341.714



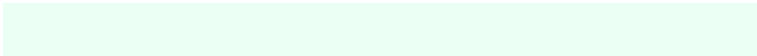
82, 25.277, 31.714

Sweetspot

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



82, 25.279, 161.713



98, 8.809, 163.501



83, 31.728, 127.850



52, 6.262, 163.360



0, 0.000, 0.000



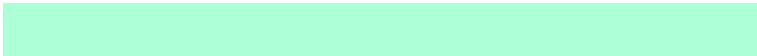
53, 0.007, 296.813

Same Dimension

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



82, 25.279, 161.713



94, 34.901, 161.060



83, 19.048, 198.089



44, 5.426, 163.376



61, 65.178, 149.729



14, 23.158, 154.814

Inverse Universe

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



72, 26.157, 346.544



80, 36.376, 347.209



71, 22.756, 21.488



42, 5.498, 344.869



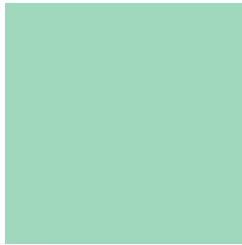
37, 62.722, 2.551



5, 23.443, 354.851

Previews

White Background



This preview shows how the CIE LCh color 82, 25.277, 161.714 looks on a white background.

Color Contrast Check

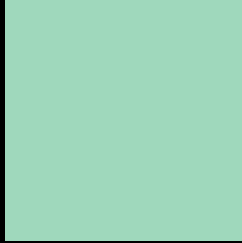
Large Text (above 18pt) WCAG AA × Fail

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, 25.277, 161.714 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

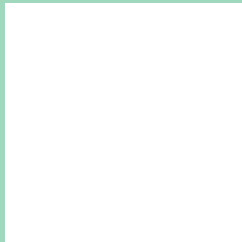
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 25.277, 161.714

Background



This preview shows how black text looks on a background with the CIELCh color 82, 25.277, 161.714.

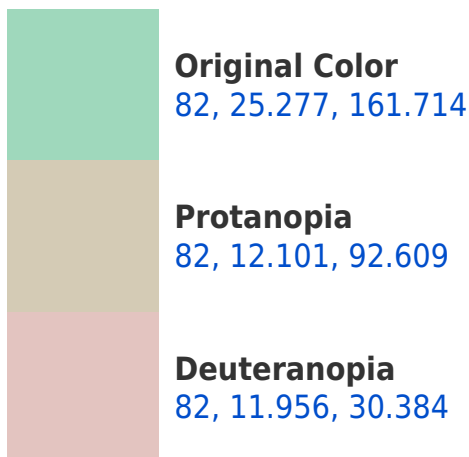


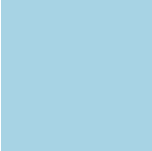
This preview shows how white text looks on a background with the CIELCh color 82, 25.277, 161.714.

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, 16.785, 231.210

Trichromacy



Original Color
82, 25.277, 161.714

Protanomaly
82, 13.892, 132.833

Deuteranomaly
81, 6.356, 112.962

Tritanomaly
82, 16.570, 200.102

Monochromacy



Original Color
82, 25.277, 161.714

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 9.074, 162.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 25.277, 161.714 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(159, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(159, 216, 188)  
}
```

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(159, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 216, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 25.277, 161.714 is called "border". The border property can be set on classes, ids or directly on the HTML element.

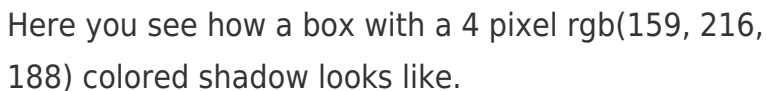
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 216, 188) }
```

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

```
.border{ border-color:rgb(159, 216, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 216, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 216, 188); box-shadow:4px 4px 4px 4px rgb(159, 216, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 25.277, 161.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 216, 188) }
```

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

```
.background{ background-color: rgb(159,  
216, 188) }
```

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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