

Converting Colors

CIELCh(82, 25.066, 162.515)

Have a look what the booklet for
CIELCh(82, 25.066, 162.515)
contains.

CIELCh(82, 24.937, 162.655)	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, 24.937, 162.655)

Conversions

Conversions Part 1

Format	Color
Hex	9FD8BD
RGB	159, 216, 189
RGB Percent	62%, 85%, 74%
CMY	0.3756, 0.1521, 0.2580
CMYK	0.26, 0.00, 0.12, 0.15
HSL	152°, 42%, 74%
HSV	152°, 26%, 85%
XYZ	48.1588, 60.2982, 57.3640
YIQ	195.8790, -25.3050, -20.4810

Conversions

Conversions Part 2

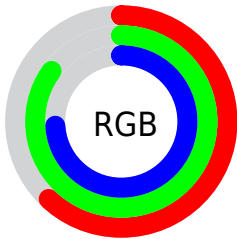
Format	Color
RYB	159, 196, 216
Decimal	10475709
CIELab	82.00, -23.80, 7.43
CIELCh	82, 24.937, 162.655
Yxy	60.2982, 0.2904, 0.3636
Android (android.graphics.Color)	4288665789 (0xFF9FD8BD)
YUV	195.8790, -3.3913, -32.3429
Hunter-Lab	77.6519, -25.1873, 10.5569

Details

The CIELCh color $82, 24.937, 162.655$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 25.884, 347.559$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.679, 178.082$, and $62, 24.866, 162.918$ is the 20% darker color. If you saturate the color by 10%, you get $81, 34.056, 161.521$, and if you desaturate by 10%, it is $84, 15.558, 163.672$.

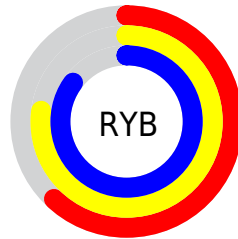
Distribution



Red (62%)

Green (85%)

Blue (74%)



Red (62%)

Yellow (77%)

Blue (85%)

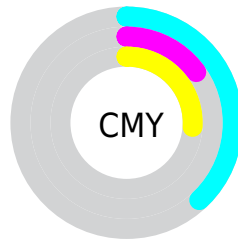


Cyan (26%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (38%)


Magenta (15%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 24.937, 162.655 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, 24.937, 162.655 by changing the saturation by 10% instead.


 82, 24.937,
162.655


 82, 24.937,
162.655


 100, 24.937,
162.655


 72, 24.937,
162.655

 62, 24.937,
162.655

 52, 24.937,
162.655

 42, 24.937,
162.655

 32, 24.937,
162.655

 22, 24.937,
162.655

 12, 24.937,

162.655

■ 2, 24.937, 162.655

■ 0, 24.937, 162.655

■ 82, 24.937,
162.655

■ 82, 24.937,
162.655

■ 81, 34.056,
161.521

■ 84, 15.558,
163.672

■ 79, 42.754,
160.249

■ 85, 6.055, 164.625

■ 79, 50.871,
158.811

■ 87, 3.457, 345.251

■ 89, 12.884,
346.102

■ 78, 58.258,
157.183

■ 90, 18.691,
338.653

■ 77, 64.803,

155.345

91, 22.505,
328.508

77, 70.457,
153.293

91, 24.290,
325.270

76, 75.261,
151.051

76, 76.887,
150.241

Harmonies

Complementary

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



82, 24.937, 162.655



72, 25.884, 347.559

Rectangle

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



82, 24.937, 162.655



82, 24.937, 212.655



82, 24.937, 342.655



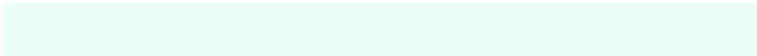
82, 24.937, 32.655

Sweetspot

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



82, 24.938, 162.654



98, 8.699, 164.461



83, 31.863, 128.441



52, 6.183, 164.318



0, 0.000, 0.000



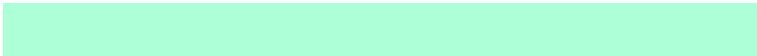
53, 0.007, 296.813

Same Dimension

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



82, 24.938, 162.654



94, 34.418, 161.997



82, 18.719, 199.664



44, 5.358, 164.334



61, 63.984, 150.646



14, 22.773, 155.728

Inverse Universe

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



72, 25.884, 347.559



80, 36.010, 348.240



71, 22.402, 22.739



42, 5.435, 345.848



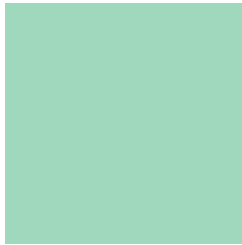
36, 62.600, 4.222



5, 23.279, 356.014

Previews

White Background



This preview shows how the CIELCh color 82, 24.937, 162.655 looks on a white background.

Color Contrast Check

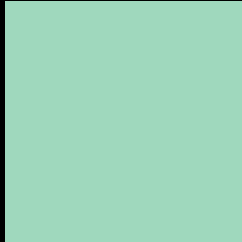
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 24.937, 162.655 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

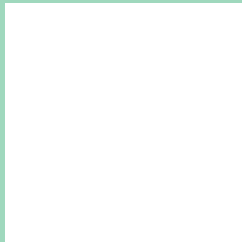
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 24.937, 162.655

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.937, 162.655.

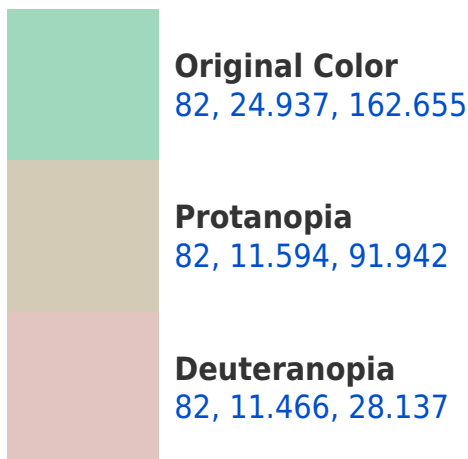


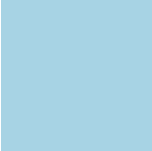
This preview shows how white text looks on a background with the CIELCh color 82, 24.937, 162.655.

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



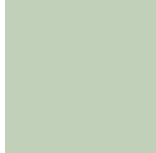


Tritanopia
82, 16.785, 231.210

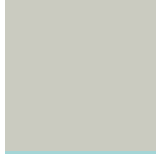
Trichromacy



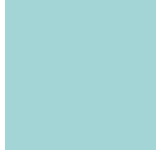
Original Color
82, 24.937, 162.655



Protanomaly
82, 13.410, 133.743



Deuteranomaly
81, 5.828, 113.306

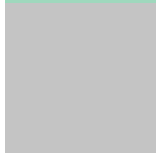


Tritanomaly
82, 16.570, 200.102

Monochromacy



Original Color
82, 24.937, 162.655



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 8.756, 165.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.937, 162.655 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 216, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 216, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.937, 162.655 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, 189) }
```

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

```
.border{ border-color:rgb(159, 216, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 216,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.937, 162.655 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, 189) }
```

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

```
.background{ background-color: rgb(159,  
216, 189) }
```

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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