

Converting Colors

CIELCh(82, 37.357, 158.104)

Have a look what the booklet for
CIELCh(82, 37.357, 158.104)
contains.

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Color

CIELCh(82, 37.182, 158.195)

Conversions

Conversions Part 1

Format	Color
Hex	8BDDDB1
RGB	139, 221, 177
RGB Percent	55%, 87%, 69%
CMY	0.4553, 0.1338, 0.3063
CMYK	0.37, 0.00, 0.20, 0.13
HSL	148°, 55%, 71%
HSV	148°, 37%, 87%
XYZ	44.3773, 60.2982, 50.8349
YIQ	191.4660, -34.7480, -31.0680

Conversions

Conversions Part 2

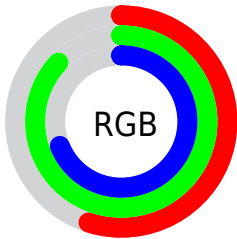
Format	Color
RYB	139, 195, 221
Decimal	9166257
CIELab	82.00, -34.52, 13.81
CIElCh	82, 37.182, 158.195
Yxy	60.2982, 0.2854, 0.3877
Android (android.graphics.Color)	4287356337 (0xFF8BDDDB1)
YUV	191.4660, -7.1317, -46.0127
Hunter-Lab	77.6519, -33.8798, 15.5421

Details

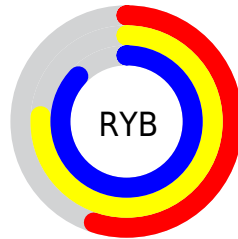
The CIELCh color **82, 37.182, 158.195** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **67, 38.562, 345.197**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.534, 169.244**, and **62, 36.995, 158.066** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.556, 156.928**, and if you desaturate by 10%, it is **83, 27.392, 159.311**.

Distribution



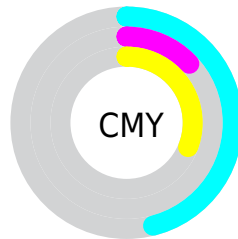
- Red (55%)
- Green (87%)
- Blue (69%)



- Red (55%)
- Yellow (76%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)





- Cyan (46%)
- Magenta (13%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 37.182, 158.195 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, 37.182, 158.195 by changing the saturation by 10% instead.


 82, 37.182,
158.195


 82, 37.182,
158.195


 100, 37.182,
158.195


 72, 37.182,
158.195

 62, 37.182,
158.195

 52, 37.182,
158.195

 42, 37.182,
158.195

 32, 37.182,
158.195

 22, 37.182,
158.195

 12, 37.182,

158.195

■ 2, 37.182, 158.195

■ 0, 37.182, 158.195

■ 82, 37.182,
158.195

■ 82, 37.182,
158.195

■ 81, 46.556,
156.928

■ 83, 27.392,
159.311

■ 80, 55.335,
155.488

■ 85, 17.352,
160.306

■ 79, 63.355,
153.851

■ 87, 7.210, 161.219


■ 78, 70.492,
152.003


■ 89, 2.912, 341.805


■ 91, 12.918,
342.634


■ 78, 76.683,

149.946

 92, 18.525,
331.542

 78, 81.966,
147.721

 92, 21.354,
325.167

 78, 83.389,
147.094

Harmonies

Complementary

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



82, 37.182, 158.195



67, 38.562, 345.197

Rectangle

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



82, 37.182, 158.195



82, 37.182, 208.195



82, 37.182, 338.195



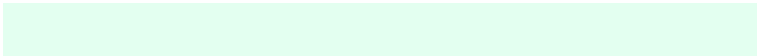
82, 37.182, 28.195

Sweetspot

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



82, 37.183, 158.194



98, 12.523, 160.861



84, 44.663, 125.504



52, 8.416, 160.737



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, 37.183, 158.194



92, 50.095, 157.163



83, 26.528, 192.852



45, 5.717, 161.010



62, 69.017, 147.496



15, 25.175, 152.245

Inverse Universe

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



67, 38.562, 345.197



72, 52.198, 346.207



66, 33.591, 19.137



43, 5.779, 342.451



37, 64.009, 358.373



6, 25.474, 351.900

Previews

White Background



This preview shows how the CIELCh color 82, 37.182, 158.195 looks on a white background.

Color Contrast Check

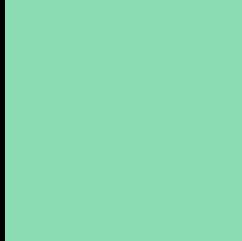
Large Text (above 18pt) WCAG AA × Fail

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, 37.182, 158.195 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, 37.182, 158.195

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.182, 158.195.

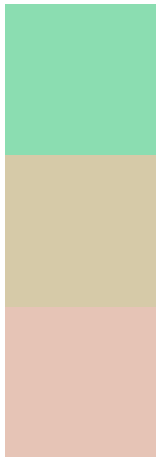


This preview shows how white text looks on a background with the CIELCh color 82, 37.182, 158.195.

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, 37.182, 158.195

Protanopia
81, 18.544, 93.881

Deuteranopia
82, 15.157, 49.274

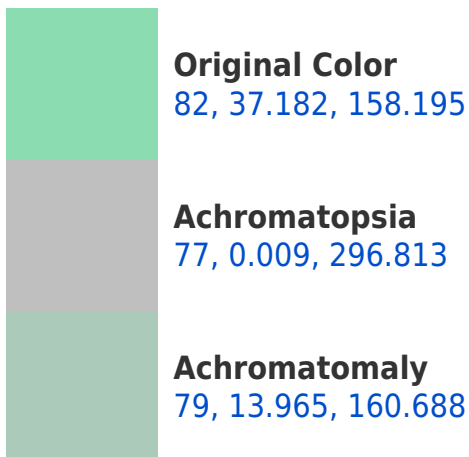


Tritanopia
82, 21.633, 222.960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 37.182, 158.195 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(139, 221, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 221, 177)  
}
```

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(139, 221, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 221, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.182, 158.195 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(139, 221, 177) }
```

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

```
.border{ border-color:rgb(139, 221, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 221, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 221, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 221, 177);  
box-shadow:4px 4px 4px 4px rgb(139, 221,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.182, 158.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 221, 177) }
```

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

```
.background{ background-color: rgb(139,  
221, 177) }
```

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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