

Converting Colors

CIELCh(82, 38.090, 163.074)

Have a look what the booklet for
CIELCh(82, 38.090, 163.074)
contains.

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Color

CIELCh(82, 38.110, 163.051)

Conversions

Conversions Part 1

Format	Color
Hex	82DEB6
RGB	130, 222, 182
RGB Percent	51%, 87%, 71%
CMY	0.4906, 0.1298, 0.2867
CMYK	0.41, 0.00, 0.18, 0.13
HSL	154°, 58%, 69%
HSV	154°, 41%, 87%
XYZ	43.7172, 60.2982, 53.5366
YIQ	189.9320, -41.9920, -31.9440

Conversions

Conversions Part 2

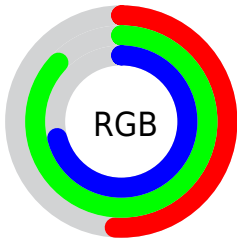
Format	Color
RYB	130, 189, 222
Decimal	8576694
CIELab	82.00, -36.45, 11.11
CIELCh	82, 38.110, 163.051
Yxy	60.2982, 0.2775, 0.3827
Android (android.graphics.Color)	4286766774 (0xFF82DEB6)
YUV	189.9320, -3.9105, -52.5604
Hunter-Lab	77.6519, -35.3972, 13.4792

Details

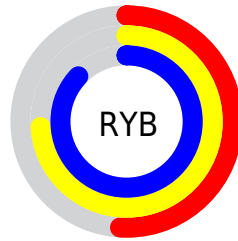
The CIELCh color **82, 38.110, 163.051** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **65, 40.824, 351.867**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.798, 177.170**, and **62, 38.028, 163.184** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.354, 161.689**, and if you desaturate by 10%, it is **83, 29.337, 164.263**.

Distribution



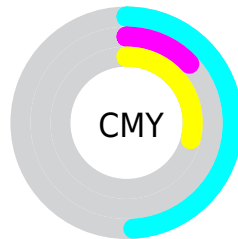
- Red (51%)
- Green (87%)
- Blue (71%)



- Red (51%)
- Yellow (74%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (49%)
- Magenta (13%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 38.110, 163.051 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, 38.110, 163.051 by changing the saturation by 10% instead.


 82, 38.110,
163.051


 82, 38.110,
163.051


 100, 38.110,
163.051


 72, 38.110,
163.051

 62, 38.110,
163.051

 52, 38.110,
163.051

 42, 38.110,
163.051

 32, 38.110,
163.051

 22, 38.110,
163.051

 12, 38.110,

163.051

■ 2, 38.110, 163.051

■ 0, 38.110, 163.051

■ 82, 38.110,
163.051

■ 82, 38.110,
163.051

■ 81, 46.354,
161.689

■ 83, 29.337,
164.263

■ 80, 53.912,
160.153

■ 85, 20.193,
165.353

■ 79, 60.657,
158.419

■ 86, 10.829,
166.351

■ 79, 66.513,
156.472

■ 88, 1.374, 167.536

■ 78, 71.481,

■ 90, 8.065, 347.958

154.314

■ 92, 15.032,
342.578

■ 78, 75.165,
152.372

■ 92, 18.445,
330.219

■ 92, 20.714,
325.145

Harmonies

Complementary

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



82, 38.110, 163.051



65, 40.824, 351.867

Rectangle

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



82, 38.110, 163.051



82, 38.110, 213.051



82, 38.110, 343.051



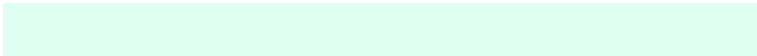
82, 38.110, 33.051

Sweetspot

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



82, 38.111, 163.050



98, 12.692, 166.289



83, 51.227, 128.869



52, 8.416, 166.161



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, 38.111, 163.050



92, 50.541, 161.842



82, 27.241, 202.747



46, 5.416, 166.545



63, 62.732, 152.762



17, 23.737, 157.222

Inverse Universe

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



65, 40.824, 351.867



69, 54.735, 353.291



65, 36.974, 27.037



44, 5.507, 348.111



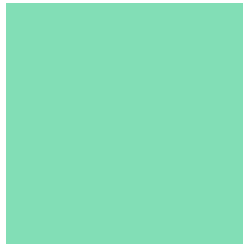
37, 63.937, 8.096



6, 25.891, 359.412

Previews

White Background



This preview shows how the CIELCh color 82, 38.110, 163.051 looks on a white background.

Color Contrast Check

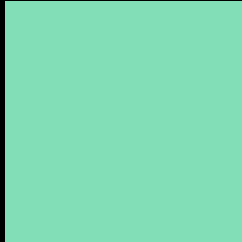
Large Text (above 18pt) WCAG AA × Fail

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, 38.110, 163.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

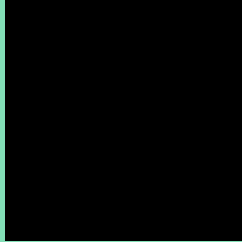
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

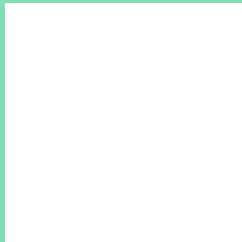
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 38.110, 163.051

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.110, 163.051.

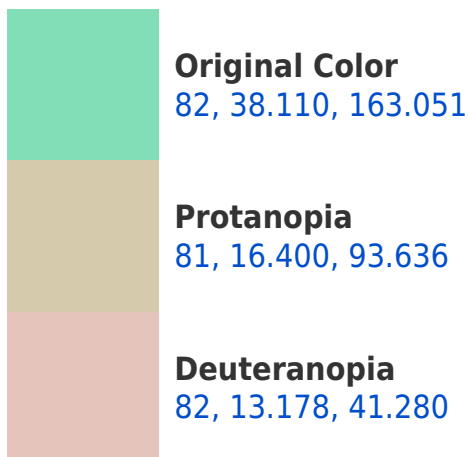


This preview shows how white text looks on a background with the CIELCh color 82, 38.110, 163.051.

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, 24.118, 220.100

Trichromacy



Original Color
82, 38.110, 163.051



Protanomaly
81, 20.036, 137.706



Deuteranomaly
81, 11.679, 133.733

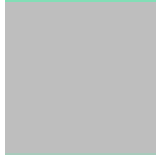


Tritanomaly
82, 25.994, 192.880

Monochromacy



Original Color
82, 38.110, 163.051



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 14.781, 165.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.110, 163.051 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(130, 222, 182)` looks like.

```
.text, #text, p{  
    color:rgb(130, 222, 182)  
}
```

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(130, 222, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 222, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.110, 163.051 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(130, 222, 182) }
```

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

```
.border{ border-color:rgb(130, 222, 182) }
```

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

Here you see how a box with a 4 pixel rgb(130, 222, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 222, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 222, 182);  
box-shadow:4px 4px 4px 4px rgb(130, 222,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.110, 163.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 222, 182) }
```

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

```
.background{ background-color: rgb(130,  
222, 182) }
```

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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