

Converting Colors

CIELCh(82, 53.804, 154.938)

Have a look what the booklet for
CIELCh(82, 53.804, 154.938)
contains.

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Color

CIELCh(82, 53.655, 154.890)

Conversions

Conversions Part 1

Format	Color
Hex	6BE29F
RGB	107, 226, 159
RGB Percent	42%, 89%, 62%
CMY	0.5786, 0.1120, 0.3749
CMYK	0.53, 0.00, 0.30, 0.11
HSL	146°, 68%, 65%
HSV	146°, 53%, 89%
XYZ	39.7236, 60.2982, 42.5287
YIQ	182.7810, -49.4170, -46.0650

Conversions

Conversions Part 2

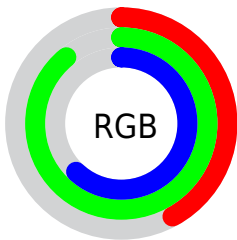
Format	Color
RYB	107, 190, 226
Decimal	7070367
CIELab	82.00, -48.58, 22.77
CIELCh	82, 53.655, 154.890
Yxy	60.2982, 0.2787, 0.4230
Android (android.graphics.Color)	4285260447 (0xFF6BE29F)
YUV	182.7810, -11.7240, -66.4599
Hunter-Lab	77.6519, -44.5773, 21.8842

Details

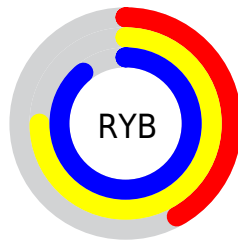
The CIELCh color **82, 53.655, 154.890** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 55.533, 345.635**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 37.268, 162.607**, and **62, 53.806, 154.725** is the 20% darker color. If you saturate the color by 10%, you get **81, 62.452, 153.350**, and if you desaturate by 10%, it is **83, 44.155, 156.240**.

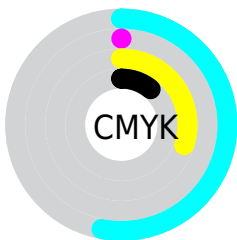
Distribution



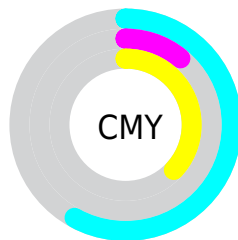
- Red (42%)
- Green (89%)
- Blue (62%)



- Red (42%)
- Yellow (75%)
- Blue (89%)



- Cyan (53%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (58%)
- Magenta (11%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 53.655, 154.890 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, 53.655, 154.890 by changing the saturation by 10% instead.


 82, 53.655,
154.890


 82, 53.655,
154.890


 100, 53.655,
154.890


 72, 53.655,
154.890

 62, 53.655,
154.890

 52, 53.655,
154.890

 42, 53.655,
154.890

 32, 53.655,
154.890

 22, 53.655,
154.890

 12, 53.655,

154.890

■ 2, 53.655, 154.890

■ 0, 53.655, 154.890

■ 82, 53.655,
154.890

■ 82, 53.655,
154.890

■ 81, 62.452,
153.350

■ 83, 44.155,
156.240

■ 80, 70.385,
151.604

■ 84, 34.132,
157.425

■ 80, 77.352,
149.648

■ 86, 23.770,
158.471

■ 80, 83.325,
147.504

■ 88, 13.237,
159.405

■ 79, 87.237,

■ 90, 2.675, 160.350

145.861

■ 92, 7.804, 340.875

■ 93, 15.322,
331.955

■ 93, 17.861,
325.044

Harmonies

Complementary

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



82, 53.655, 154.890



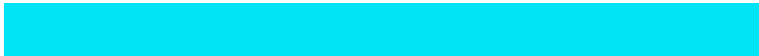
62, 55.533, 345.635

Rectangle

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



82, 53.655, 154.890



82, 53.655, 204.890



82, 53.655, 334.890



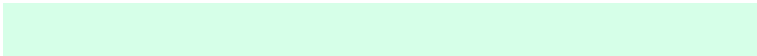
82, 53.655, 24.890

Sweetspot

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



82, 53.656, 154.890



97, 18.590, 159.083



84, 63.129, 124.209



51, 12.550, 158.891



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, 53.656, 154.890



90, 69.110, 153.207



83, 35.911, 190.216



46, 5.942, 159.680



63, 71.618, 146.267



17, 26.833, 150.700

Inverse Universe

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



62, 55.533, 345.635



64, 70.988, 347.289



60, 50.292, 20.925



44, 6.000, 341.091



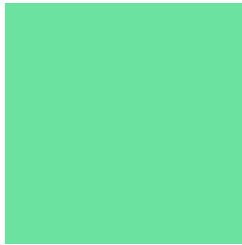
38, 65.241, 355.988



7, 27.175, 350.104

Previews

White Background



This preview shows how the CIELCh color 82, 53.655, 154.890 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, 53.655, 154.890 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, 53.655, 154.890

Background



This preview shows how black text looks on a background with the CIELCh color 82, 53.655, 154.890.

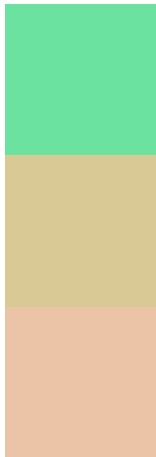


This preview shows how white text looks on a background with the CIELCh color 82, 53.655, 154.890.

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, 53.655, 154.890

Protanopia
81, 28.527, 95.398

Deuteranopia
82, 22.309, 63.169



Tritanopia
82, 27.887, 216.736

Trichromacy



Original Color
82, 53.655, 154.890



Protanomaly
81, 33.165, 130.781



Deuteranomaly
81, 23.105, 124.663



Tritanomaly
82, 32.307, 184.741

Monochromacy



Original Color
82, 53.655, 154.890



Achromatopsia
74, 0.009, 296.813



Achromatomaly
77, 20.801, 157.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 53.655, 154.890 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(107, 226, 159)` looks like.

```
.text, #text, p{  
    color:rgb(107, 226, 159)  
}
```

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(107, 226, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 226, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 53.655, 154.890 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(107, 226, 159) }
```

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

```
.border{ border-color:rgb(107, 226, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 226, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 226, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 226, 159);  
box-shadow:4px 4px 4px 4px rgb(107, 226,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 53.655, 154.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 226, 159) }
```

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

```
.background{ background-color: rgb(107,  
226, 159) }
```

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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