

Converting Colors

CIELCh(82, 53.598, 158.349)

Have a look what the booklet for
CIELCh(82, 53.598, 158.349)
contains.

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Color

CIELCh(82, 53.598, 158.349)

Conversions

Conversions Part 1

Format	Color
Hex	62E3A5
RGB	98, 227, 165
RGB Percent	38%, 89%, 65%
CMY	0.6154, 0.1095, 0.3527
CMYK	0.57, 0.00, 0.27, 0.11
HSL	151°, 70%, 64%
HSV	151°, 57%, 89%
XYZ	39.3321, 60.2982, 45.1953
YIQ	181.3610, -56.9820, -46.6300

Conversions

Conversions Part 2

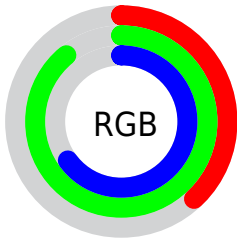
Format	Color
RYB	98, 183, 227
Decimal	6480805
CIELab	82.00, -49.82, 19.78
CIElCh	82, 53.598, 158.349
Yxy	60.2982, 0.2716, 0.4164
Android (android.graphics.Color)	4284670885 (0xFF62E3A5)
YUV	181.3610, -8.0660, -73.1076
Hunter-Lab	77.6519, -45.4773, 19.8481

Details

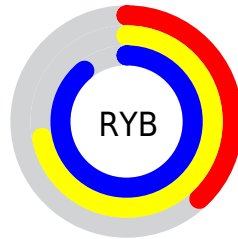
The CIELCh color **82, 53.598, 158.349** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **60, 57.098, 351.409**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.067, 167.932**, and **62, 53.721, 158.270** is the 20% darker color. If you saturate the color by 10%, you get **81, 61.299, 156.703**, and if you desaturate by 10%, it is **83, 45.128, 159.800**.

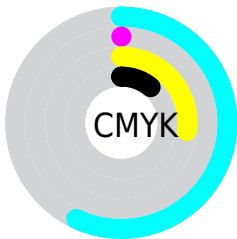
Distribution



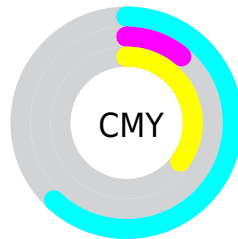
- Red (38%)
- Green (89%)
- Blue (65%)



- Red (38%)
- Yellow (72%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)





- Cyan (62%)
- Magenta (11%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 53.598, 158.349 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, 53.598, 158.349 by changing the saturation by 10% instead.


 82, 53.598,
158.349


 82, 53.598,
158.349


 100, 53.598,
158.349


 72, 53.598,
158.349

 62, 53.598,
158.349

 52, 53.598,
158.349

 42, 53.598,
158.349

 32, 53.598,
158.349

 22, 53.598,
158.349

 12, 53.598,

158.349

■ 2, 53.598, 158.349

■ 0, 53.598, 158.349

■ 82, 53.598,
158.349

■ 82, 53.598,
158.349

■ 81, 61.299,
156.703

■ 83, 45.128,
159.800

■ 81, 68.115,
154.846

■ 84, 36.044,
161.083

■ 80, 73.997,
152.775

■ 86, 26.515,
162.223

■ 80, 78.995,
150.517

■ 87, 16.708,
163.246

■ 80, 80.486,

■ 89, 6.770, 164.198

149.802

■ 91, 3.177, 344.815

■ 93, 12.444,
343.694

■ 93, 16.377,
327.688

■ 93, 17.457,
325.030

Harmonies

Complementary

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



82, 53.598, 158.349



60, 57.098, 351.409

Rectangle

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



82, 53.598, 158.349



82, 53.598, 208.349



82, 53.598, 338.349



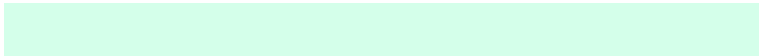
82, 53.598, 28.349

Sweetspot

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



82, 53.599, 158.348



97, 18.565, 163.217



84, 69.433, 127.099



51, 12.409, 163.018



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, 53.599, 158.348



90, 68.196, 156.415



83, 36.127, 198.826



47, 5.699, 163.946



64, 66.691, 150.198



18, 25.783, 154.424

Inverse Universe

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



60, 57.098, 351.409



62, 72.235, 353.786



58, 55.586, 27.676



45, 5.779, 345.465



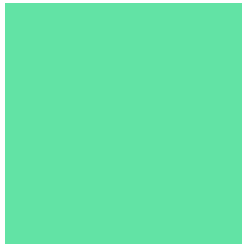
38, 64.695, 3.722



7, 27.432, 356.410

Previews

White Background



This preview shows how the CIE LCh color 82, 53.598, 158.349 looks on a white background.

Color Contrast Check

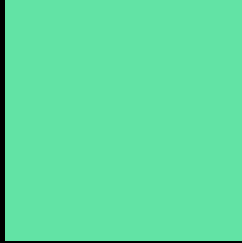
Large Text (above 18pt) WCAG AA × Fail

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, 53.598, 158.349 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, 53.598, 158.349

Background



This preview shows how black text looks on a background with the CIELCh color 82, 53.598, 158.349.

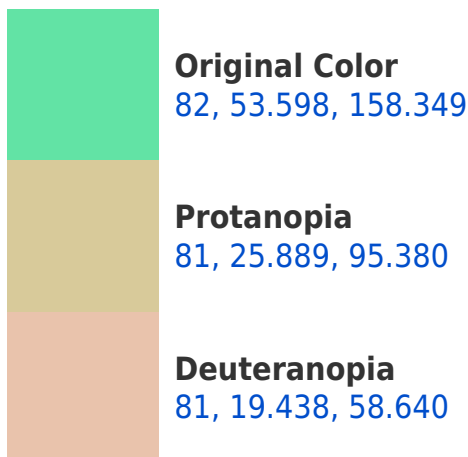


This preview shows how white text looks on a background with the CIELCh color 82, 53.598, 158.349.

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, 29.937, 216.352

Trichromacy



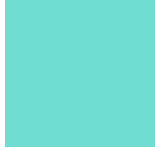
Original Color
82, 53.598, 158.349



Protanomaly
81, 31.483, 135.084



Deuteranomaly
81, 21.930, 131.862



Tritanomaly
82, 34.247, 187.146

Monochromacy



Original Color
82, 53.598, 158.349



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 21.191, 162.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 53.598, 158.349 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(98, 227, 165)` looks like.

```
.text, #text, p{  
    color:rgb(98, 227, 165)  
}
```

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(98, 227, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 227, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 53.598, 158.349 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(98, 227, 165) }
```

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

```
.border{ border-color:rgb(98, 227, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 227, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 227, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 227, 165);  
box-shadow:4px 4px 4px 4px rgb(98, 227,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 53.598, 158.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 227, 165) }
```

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

```
.background{ background-color: rgb(98, 227,  
165) }
```

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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