

Converting Colors

CIELCh(82, 72.047, 155.577)

Have a look what the booklet for
CIELCh(82, 72.047, 155.577)
contains.

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Color

CIELCh(82, 72.311, 155.434)

Conversions

Conversions Part 1

Format	Color
Hex	18E991
RGB	24, 233, 145
RGB Percent	9%, 91%, 57%
CMY	0.9064, 0.0877, 0.4327
CMYK	0.90, 0.00, 0.38, 0.09
HSL	155°, 82%, 50%
HSV	155°, 90%, 91%
XYZ	34.4944, 60.2982, 36.4757
YIQ	160.4770, -96.3160, -71.6760

Conversions

Conversions Part 2

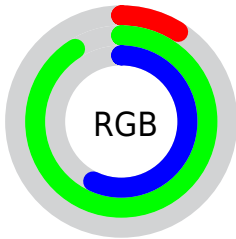
Format	Color
RYB	24, 156, 233
Decimal	1632657
CIELab	82.00, -65.77, 30.06
CIELCh	82, 72.311, 155.434
Yxy	60.2982, 0.2628, 0.4594
Android (android.graphics.Color)	4279822737 (0xFF18E991)
YUV	160.4770, -7.6302, -119.6903
Hunter-Lab	77.6519, -56.5979, 26.5058

Details

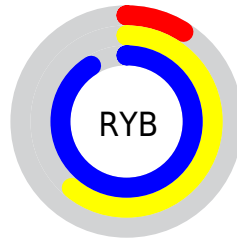
The CIELCh color **82, 72.311, 155.434** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **51, 76.703, 5.525**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 53.338, 163.279**, and **63, 64.930, 151.012** is the 20% darker color. If you saturate the color by 10%, you get **82, 76.704, 153.153**, and if you desaturate by 10%, it is **82, 67.143, 157.563**.

Distribution



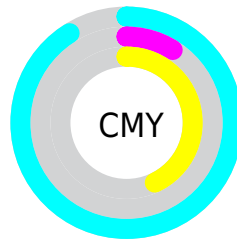
- Red (9%)
- Green (91%)
- Blue (57%)



- Red (9%)
- Yellow (61%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)




- Cyan (91%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 72.311, 155.434 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, 72.311, 155.434 by changing the saturation by 10% instead.


 82, 72.311,
155.434


 82, 72.311,
155.434


 100, 72.311,
155.434


 72, 72.311,
155.434

 62, 72.311,
155.434

 52, 72.311,
155.434

 42, 72.311,
155.434

 32, 72.311,
155.434

 22, 72.311,
155.434

 12, 72.311,

155.434

■ 2, 72.311, 155.434

■ 0, 72.311, 155.434

■ 82, 72.311,
155.434

■ 82, 72.311,
155.434

■ 82, 76.704,
153.153

■ 82, 67.143,
157.563

■ 82, 76.813,
153.096

■ 83, 61.047,
159.479

■ 84, 54.034,
161.182

■ 85, 46.188,
162.691

■ 86, 37.648,

164.031

■ 87, 28.576,
165.228

■ 89, 19.136,
166.308

■ 90, 9.481, 167.305

■ 92, 0.256, 346.243

Harmonies

Complementary

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



82, 72.311, 155.434



51, 76.703, 5.525

Rectangle

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



82, 72.311, 155.434



82, 72.311, 205.434



82, 72.311, 335.434



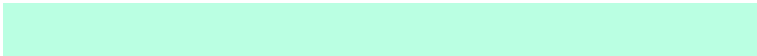
82, 72.311, 25.434

Sweetspot

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



82, 72.311, 155.434



95, 28.022, 165.520



83, 100.138, 129.264



50, 18.811, 165.135



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, 72.311, 155.434



89, 82.534, 152.970



80, 42.512, 206.831



48, 5.566, 167.331



65, 63.176, 153.502



19, 25.167, 157.464

Inverse Universe

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



51, 76.703, 5.525



54, 84.676, 10.712



50, 90.009, 38.771



46, 5.665, 348.920



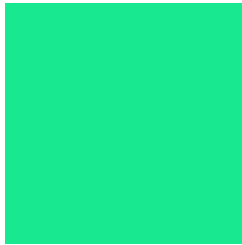
38, 65.379, 9.515



8, 28.049, 1.295

Previews

White Background



This preview shows how the CIE LCh color 82, 72.311, 155.434 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, 72.311, 155.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

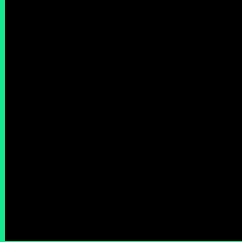
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 72.311, 155.434

Background



This preview shows how black text looks on a background with the CIELCh color 82, 72.311, 155.434.

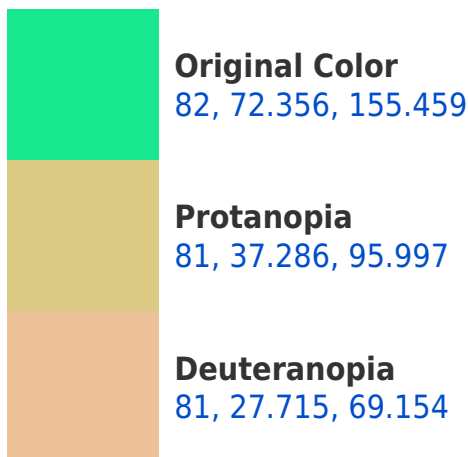


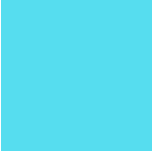
This preview shows how white text looks on a background with the CIELCh color 82, 72.311, 155.434.

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](#).

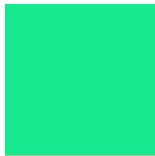
Dichromacy





Tritanopia
82, 36.753, 212.349

Trichromacy



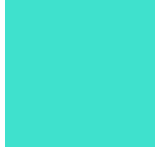
Original Color
82, 72.356, 155.459



Protanomaly
79, 46.917, 138.337



Deuteranomaly
79, 35.484, 139.034



Tritanomaly
81, 45.479, 182.714

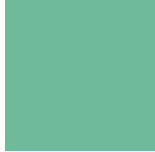
Monochromacy



Original Color
82, 72.356, 155.459



Achromatopsia
66, 0.008, 296.813



Achromatomaly
70, 32.234, 163.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 72.311, 155.434 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(24, 233, 145)` looks like.

```
.text, #text, p{  
    color:rgb(24, 233, 145)  
}
```

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(24, 233, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 233, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 72.311, 155.434 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(24, 233, 145) }
```

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

```
.border{ border-color:rgb(24, 233, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 233, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(24, 233, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(24, 233, 145); box-shadow:4px 4px 4px 4px rgb(24, 233, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 72.311, 155.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 233, 145) }
```

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

```
.background{ background-color: rgb(24, 233,  
145) }
```

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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