

Converting Colors

CIELCh(79, 64.712, 157.985)

Have a look what the booklet for
CIELCh(79, 64.712, 157.985)
contains.

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Color

CIELCh(79, 64.724, 157.949)

Conversions

Conversions Part 1

Format	Color
Hex	2ADE94
RGB	42, 222, 148
RGB Percent	16%, 87%, 58%
CMY	0.8346, 0.1290, 0.4193
CMYK	0.81, 0.00, 0.33, 0.13
HSL	155°, 73%, 52%
HSV	155°, 81%, 87%
XYZ	32.4597, 54.9284, 36.9431
YIQ	159.7440, -83.5260, -61.1740

Conversions

Conversions Part 2

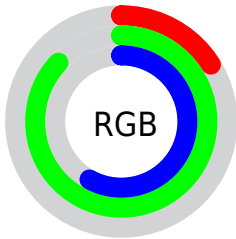
Format	Color
R_YB	42, 155, 222
Decimal	2809492
CIE _{Lab}	79.00, -59.99, 24.30
CIE _{LCh}	79, 64.724, 157.949
Yxy	54.9284, 0.2611, 0.4418
Android (android.graphics.Color)	4280999572 (0xFF2ADE94)
YUV	159.7440, -5.7898, -103.2615
Hunter-Lab	74.1137, -51.5209, 22.3256

Details

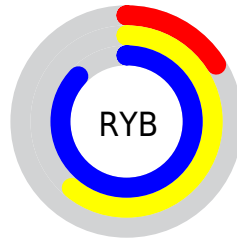
The CIELCh color **79, 64.724, 157.949** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **50, 70.754, 2.793**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 51.575, 164.150**, and **60, 58.173, 154.236** is the 20% darker color. If you saturate the color by 10%, you get **79, 69.521, 155.808**, and if you desaturate by 10%, it is **80, 59.044, 159.877**.

Distribution



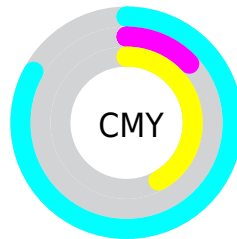
- Red (16%)
- Green (87%)
- Blue (58%)



- Red (16%)
- Yellow (61%)
- Blue (87%)



- Cyan (81%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)



- Cyan (83%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 64.724, 157.949 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 79, 64.724, 157.949 by changing the saturation by 10% instead.

 79, 64.724,
157.949

 79, 64.724,
157.949

 100, 64.724,
157.949

 69, 64.724,
157.949

 99, 64.724,
157.949

 59, 64.724,
157.949

 49, 64.724,
157.949

 39, 64.724,
157.949

 29, 64.724,
157.949

 19, 64.724,
157.949

 9, 64.724, 157.949

■ 0, 64.724, 157.949

■ 79, 64.724,
157.949

■ 79, 64.724,
157.949

■ 79, 69.521,
155.808

■ 80, 59.044,
159.877

■ 78, 73.232,
153.769

■ 80, 52.476,
161.595

■ 81, 45.097,
163.119

■ 82, 37.031,
164.473

■ 83, 28.429,
165.683

■ 85, 19.451,
166.775

■ 87, 10.243,
167.780

■ 88, 0.933, 169.140

■ 90, 8.372, 349.405

Harmonies

Complementary

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



79, 64.724, 157.949



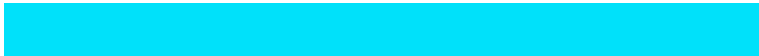
50, 70.754, 2.793

Rectangle

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



79, 64.724, 157.949



79, 64.724, 207.949



79, 64.724, 337.949



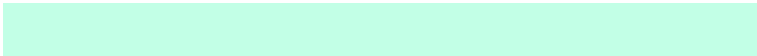
79, 64.724, 27.949

Sweetspot

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



79, 64.724, 157.949



95, 24.792, 166.439



80, 91.865, 129.215



50, 16.972, 166.047



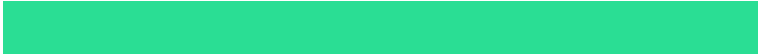
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 64.724, 157.949



89, 80.261, 154.262



76, 39.469, 208.713



46, 5.330, 167.933



63, 61.090, 154.159



17, 23.180, 158.591

Inverse Universe

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



50, 70.754, 2.793



55, 84.134, 10.170



50, 78.125, 37.113



44, 5.428, 349.522



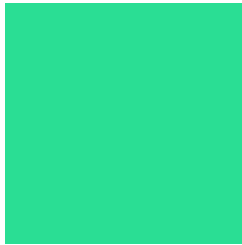
37, 64.072, 10.365



6, 25.749, 0.993

Previews

White Background



This preview shows how the CIELCh color 79, 64.724, 157.949 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 79, 64.724, 157.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

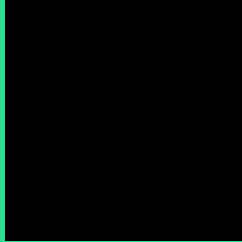
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 64.724, 157.949

Background



This preview shows how black text looks on a background with the CIELCh color 79, 64.724, 157.949.

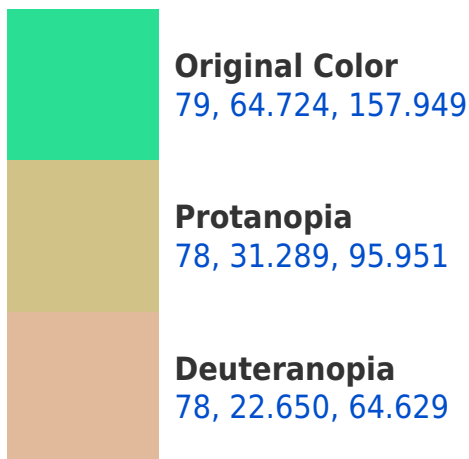


This preview shows how white text looks on a background with the CIELCh color 79, 64.724, 157.949.

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
79, 35.016, 212.366

Trichromacy



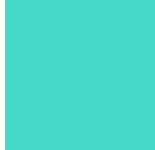
Original Color
79, 64.724, 157.949



Protanomaly
77, 40.151, 139.167



Deuteranomaly
76, 28.966, 139.588

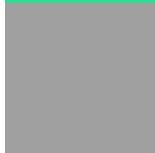


Tritanomaly
79, 42.019, 184.621

Monochromacy



Original Color
79, 64.724, 157.949



Achromatopsia
66, 0.008, 296.813



Achromatomaly
70, 28.022, 165.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 64.724, 157.949 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(42, 222, 148)` looks like.

```
.text, #text, p{  
    color:rgb(42, 222, 148)  
}
```

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(42, 222, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 222, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 64.724, 157.949 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(42, 222, 148) }
```

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

```
.border{ border-color:rgb(42, 222, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 222, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 222, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 222, 148);  
box-shadow:4px 4px 4px 4px rgb(42, 222,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 64.724, 157.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 222, 148) }
```

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

```
.background{ background-color: rgb(42, 222,  
148) }
```

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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