

Converting Colors

CIELCh(79, 47.712, 173.900)

Have a look what the booklet for
CIELCh(79, 47.712, 173.900)
contains.

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Color

CIELCh(79, 47.536, 174.244)

Conversions

Conversions Part 1

Format	Color
Hex	41DAB9
RGB	65, 218, 185
RGB Percent	25%, 85%, 73%
CMY	0.7437, 0.1441, 0.2735
CMYK	0.70, 0.00, 0.15, 0.14
HSL	167°, 68%, 56%
HSV	167°, 70%, 86%
XYZ	36.1264, 54.9284, 54.7358
YIQ	168.4910, -80.5950, -42.6990

Conversions

Conversions Part 2

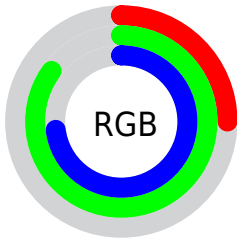
Format	Color
RYB	65, 151, 218
Decimal	4315833
CIELab	79.00, -47.30, 4.77
CIELCh	79, 47.536, 174.244
Yxy	54.9284, 0.2478, 0.3768
Android (android.graphics.Color)	4282505913 (0xFF41DAB9)
YUV	168.4910, 8.1389, -90.7616
Hunter-Lab	74.1137, -42.6898, 8.0917

Details

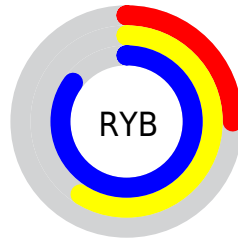
The CIELCh color **79, 47.536, 174.244** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **51, 63.226, 14.733**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.028, 185.999**, and **59, 43.356, 172.564** is the 20% darker color. If you saturate the color by 10%, you get **79, 51.389, 172.668**, and if you desaturate by 10%, it is **80, 42.768, 175.660**.

Distribution



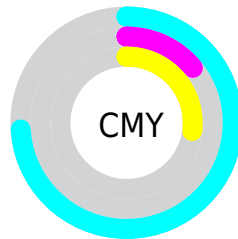
- Red (25%)
- Green (85%)
- Blue (73%)



- Red (25%)
- Yellow (59%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 47.536, 174.244 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, 47.536, 174.244 by changing the saturation by 10% instead.

 79, 47.536,
174.244

 79, 47.536,
174.244

 100, 47.536,
174.244

 69, 47.536,
174.244

 99, 47.536,
174.244

 59, 47.536,
174.244

 49, 47.536,
174.244

 39, 47.536,
174.244

 29, 47.536,
174.244

 19, 47.536,
174.244

 9, 47.536, 174.244

0, 47.536, 174.244

79, 47.536,
174.244

79, 47.536,
174.244

79, 51.389,
172.668

80, 42.768,
175.660

78, 54.348,
170.917

80, 37.132,
176.944

78, 56.588,
169.035

81, 30.727,
178.117

83, 23.678,
179.203

84, 16.126,
180.222

85, 8.205, 181.203

■ 87, 0.042, 195.032

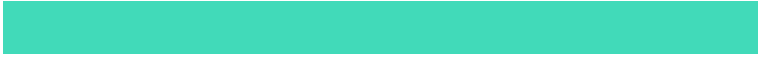
■ 89, 8.260, 2.833

■ 90, 14.221, 0.490

Harmonies

Complementary

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



79, 47.536, 174.244



51, 63.226, 14.733

Rectangle

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



79, 47.536, 174.244



79, 47.536, 224.244



79, 47.536, 354.244



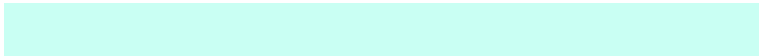
79, 47.536, 44.244

Sweetspot

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



79, 47.536, 174.243



96, 19.118, 180.109



78, 86.565, 134.318



51, 12.872, 179.830



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, 47.536, 174.243



90, 59.472, 171.870



67, 35.365, 240.839



45, 4.654, 181.264



63, 47.457, 169.362



16, 18.184, 173.140

Inverse Universe

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



51, 63.226, 14.733



56, 82.867, 20.911



58, 58.832, 47.472



43, 4.823, 2.870



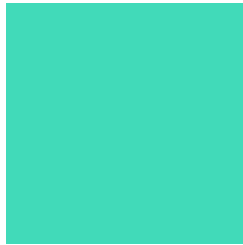
36, 68.727, 27.951



5, 23.757, 10.937

Previews

White Background



This preview shows how the CIELCh color 79, 47.536, 174.244 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 79, 47.536, 174.244 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

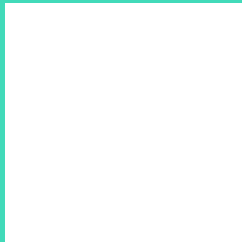
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 47.536, 174.244

Background



This preview shows how black text looks on a background with the CIELCh color 79, 47.536, 174.244.

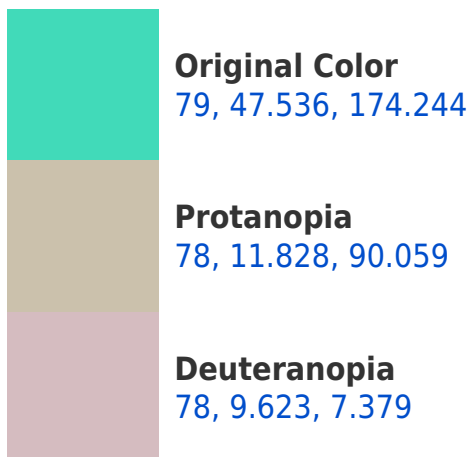


This preview shows how white text looks on a background with the CIELCh color 79, 47.536, 174.244.

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



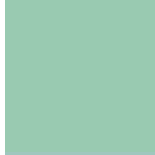


Tritanopia
79, 34.855, 212.448

Trichromacy



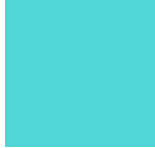
Original Color
79, 47.536, 174.244



Protanomaly
77, 22.358, 160.955



Deuteranomaly
77, 15.071, 179.535

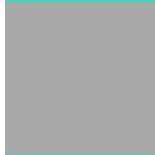


Tritanomaly
79, 37.578, 195.973

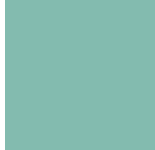
Monochromacy



Original Color
79, 47.536, 174.244



Achromatopsia
69, 0.009, 296.813



Achromatomaly
72, 20.805, 179.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 47.536, 174.244 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(65, 218, 185)` looks like.

```
.text, #text, p{  
    color:rgb(65, 218, 185)  
}
```

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(65, 218, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 218, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 47.536, 174.244 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(65, 218, 185) }
```

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

```
.border{ border-color:rgb(65, 218, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 218, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 218, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 218, 185);  
box-shadow:4px 4px 4px 4px rgb(65, 218,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 47.536, 174.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 218, 185) }
```

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

```
.background{ background-color: rgb(65, 218,  
185) }
```

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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