

Converting Colors

CIELCh(79, 43.577, 174.966)

Have a look what the booklet for
CIELCh(79, 43.577, 174.966)
contains.

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Color

CIELCh(79, 43.744, 174.767)

Conversions

Conversions Part 1

Format	Color
Hex	53D9BB
RGB	83, 217, 187
RGB Percent	33%, 85%, 73%
CMY	0.6754, 0.1498, 0.2674
CMYK	0.62, 0.00, 0.14, 0.15
HSL	167°, 64%, 59%
HSV	167°, 62%, 85%
XYZ	37.2555, 54.9284, 55.5428
YIQ	173.5140, -70.2340, -37.7380

Conversions

Conversions Part 2

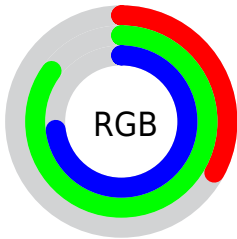
Format	Color
RYB	83, 158, 217
Decimal	5495227
CIELab	79.00, -43.56, 3.99
CIElCh	79, 43.744, 174.767
Yxy	54.9284, 0.2522, 0.3718
Android (android.graphics.Color)	4283685307 (0xFF53D9BB)
YUV	173.5140, 6.6486, -79.3808
Hunter-Lab	74.1137, -39.9704, 7.4460

Details

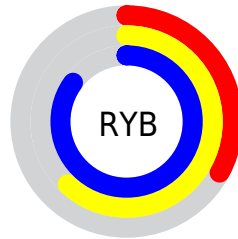
The CIELCh color **79, 43.744, 174.767** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **54, 56.008, 11.436**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 34.676, 186.890**, and **59, 42.226, 174.436** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.398, 173.300**, and if you desaturate by 10%, it is **80, 38.220, 176.089**.

Distribution



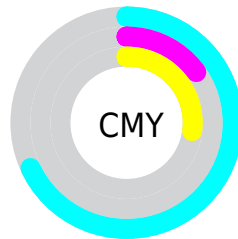
- Red (33%)
- Green (85%)
- Blue (73%)



- Red (33%)
- Yellow (62%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)




- Cyan (68%)
- Magenta (15%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 43.744, 174.767 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, 43.744, 174.767 by changing the saturation by 10% instead.


 79, 43.744,
174.767

 79, 43.744,
174.767


 100, 43.744,
174.767


 69, 43.744,
174.767


 99, 43.744,
174.767

 59, 43.744,
174.767

 49, 43.744,
174.767

 39, 43.744,
174.767

 29, 43.744,
174.767

 19, 43.744,
174.767

 9, 43.744, 174.767

■ 0, 43.744, 174.767

■ 79, 43.744,
174.767

■ 79, 43.744,
174.767

■ 78, 48.398,
173.300

■ 80, 38.220,
176.089

■ 78, 52.143,
171.669

■ 81, 31.915,
177.295

■ 78, 55.014,
169.859

■ 82, 24.954,
178.407

■ 77, 56.873,
168.281

■ 83, 17.474,
179.444

■ 85, 9.612, 180.434

■ 86, 1.494, 181.649

■ 88, 6.771, 2.082

■ 90, 14.666, 2.387

■ 90, 15.540,
353.505

Harmonies

Complementary

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



79, 43.744, 174.767



54, 56.008, 11.436

Rectangle

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



79, 43.744, 174.767



79, 43.744, 224.767



79, 43.744, 354.767



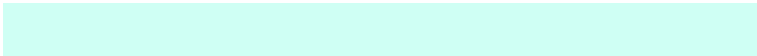
79, 43.744, 44.767

Sweetspot

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



79, 43.744, 174.766



97, 17.434, 179.709



78, 77.465, 134.328



51, 11.939, 179.420



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, 43.744, 174.766



91, 56.021, 172.852



69, 32.207, 235.665



45, 4.672, 180.670



63, 47.935, 168.604



16, 18.334, 172.453

Inverse Universe

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



54, 56.008, 11.436



58, 74.949, 15.833



60, 50.650, 45.998



43, 4.837, 2.283



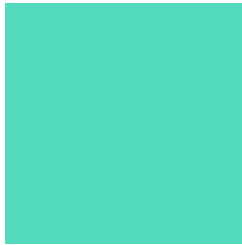
36, 68.389, 27.329



5, 23.765, 10.598

Previews

White Background



This preview shows how the CIELCh color 79, 43.744, 174.767 looks on a white background.

Color Contrast Check

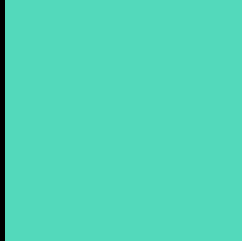
Large Text (above 18pt) WCAG AA × Fail

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, 43.744, 174.767 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

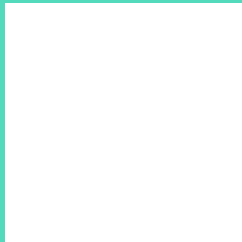
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 43.744, 174.767

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.744, 174.767.

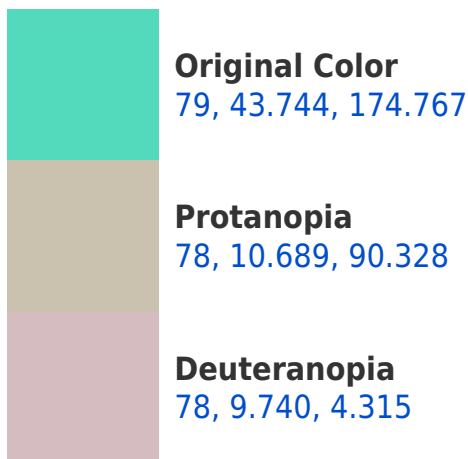


This preview shows how white text looks on a background with the CIELCh color 79, 43.744, 174.767.

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, 32.567, 213.695

Trichromacy



Original Color
79, 43.744, 174.767



Protanomaly
78, 20.019, 160.000



Deuteranomaly
77, 12.103, 180.398

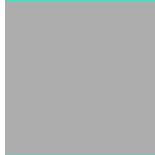


Tritanomaly
79, 34.794, 196.981

Monochromacy



Original Color
79, 43.744, 174.767



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 18.439, 178.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.744, 174.767 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(83, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(83, 217, 187)  
}
```

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(83, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 217, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.744, 174.767 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(83, 217, 187) }
```

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

```
.border{ border-color:rgb(83, 217, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 217, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(83, 217,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.744, 174.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 217, 187) }
```

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

```
.background{ background-color: rgb(83, 217,  
187) }
```

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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