

Converting Colors

CIELCh(79, 41.917, 186.589)

Have a look what the booklet for
CIELCh(79, 41.917, 186.589)
contains.

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Color

CIELCh(79, 42.187, 186.167)

Conversions

Conversions Part 1

Format	Color
Hex	43D9CB
RGB	67, 217, 203
RGB Percent	26%, 85%, 80%
CMY	0.7390, 0.1503, 0.2052
CMYK	0.69, 0.00, 0.06, 0.15
HSL	174°, 66%, 56%
HSV	174°, 69%, 85%
XYZ	37.7522, 54.9284, 64.9108
YIQ	170.5540, -84.9060, -36.1540

Conversions

Conversions Part 2

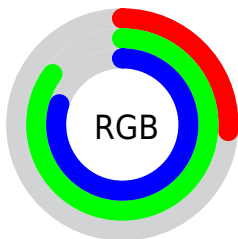
Format	Color
RYB	67, 146, 217
Decimal	4446667
CIELab	79.00, -41.94, -4.53
CIELCh	79, 42.187, 186.167
Yxy	54.9284, 0.2396, 0.3485
Android (android.graphics.Color)	4282636747 (0xFF43D9CB)
YUV	170.5540, 15.9959, -90.8169
Hunter-Lab	74.1137, -38.7743, -0.0482

Details

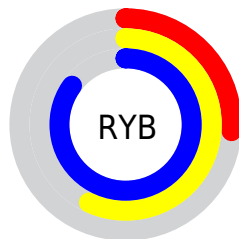
The CIELCh color **79, 42.187, 186.167** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **51, 64.517, 23.838**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **60, 37.934, 185.720** is the 20% darker color. If you saturate the color by 10%, you get **79, 45.092, 185.223**, and if you desaturate by 10%, it is **80, 38.325, 187.048**.

Distribution



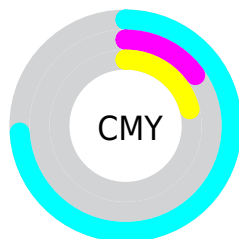
- Red (26%)
- Green (85%)
- Blue (80%)



- Red (26%)
- Yellow (57%)
- Blue (85%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (74%)
- Magenta (15%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.187, 186.167 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, 42.187, 186.167 by changing the saturation by 10% instead.


 79, 42.187,
186.167


 79, 42.187,
186.167


 100, 42.187,
186.167


 69, 42.187,
186.167


 99, 42.187,
186.167

 59, 42.187,
186.167

 49, 42.187,
186.167

 39, 42.187,
186.167

 29, 42.187,
186.167

 19, 42.187,
186.167

 9, 42.187, 186.167

■ 0, 42.187, 186.167

■ 79, 42.187,
186.167

■ 79, 42.187,
186.167

■ 79, 45.092,
185.223

■ 80, 38.325,
187.048

■ 78, 47.069,
184.201

■ 80, 33.541,
187.886

■ 78, 48.285,
183.098

■ 81, 27.916,
188.695

■ 78, 48.363,
183.019

■ 82, 21.563,
189.487

■ 84, 14.612,
190.272

■ 85, 7.194, 191.076

■ 87, 0.569, 10.751

■ 88, 8.565, 12.438

■ 90, 14.259, 11.724

Harmonies

Complementary

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



79, 42.187, 186.167



51, 64.517, 23.838

Rectangle

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



79, 42.187, 186.167



79, 42.187, 236.167



79, 42.187, 6.167



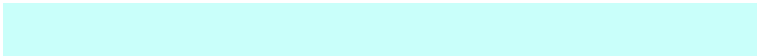
79, 42.187, 56.167

Sweetspot

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



79, 42.187, 186.166



96, 18.072, 190.122



77, 87.830, 136.638



51, 12.138, 189.903



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, 42.187, 186.166



91, 52.119, 184.775



62, 39.100, 258.799



44, 4.356, 191.065



63, 40.445, 183.215



15, 15.575, 185.450

Inverse Universe

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



51, 64.517, 23.838



55, 87.343, 29.671



62, 55.419, 57.361



42, 4.576, 12.406



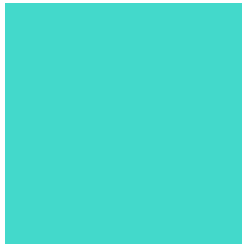
35, 73.528, 35.926



5, 21.966, 15.610

Previews

White Background



This preview shows how the CIELCh color 79, 42.187, 186.167 looks on a white background.

Color Contrast Check

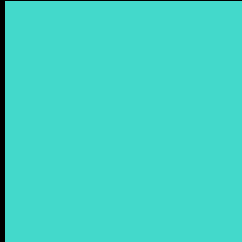
Large Text (above 18pt) WCAG AA × Fail

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, 42.187, 186.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

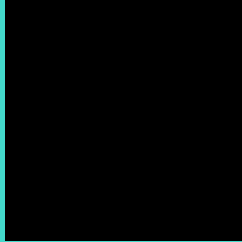
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

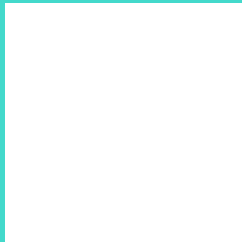
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 42.187, 186.167

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.187, 186.167.

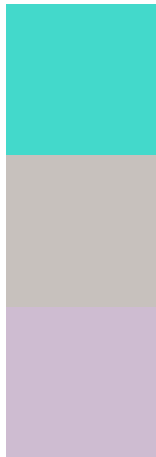


This preview shows how white text looks on a background with the CIELCh color 79, 42.187, 186.167.

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](#).

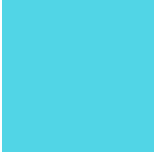
Dichromacy



Original Color
79, 42.187, 186.167

Protanopia
78, 3.074, 63.245

Deuteranopia
78, 13.049, 320.939



Tritanopia
79, 35.985, 211.882

Trichromacy



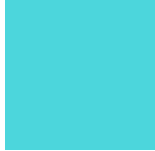
Original Color
79, 42.187, 186.167



Protanomaly
78, 18.288, 184.425



Deuteranomaly
77, 15.163, 217.104

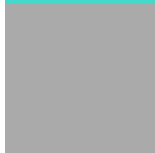


Tritanomaly
79, 37.314, 201.855

Monochromacy



Original Color
79, 42.187, 186.167



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 19.206, 189.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.187, 186.167 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(67, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(67, 217, 203)  
}
```

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(67, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 217, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.187, 186.167 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(67, 217, 203) }
```

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

```
.border{ border-color:rgb(67, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(67, 217,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.187, 186.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 217, 203) }
```

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

```
.background{ background-color: rgb(67, 217,  
203) }
```

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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