

Converting Colors

CIELCh(79, 37.208, 178.133)

Have a look what the booklet for
CIELCh(79, 37.208, 178.133)
contains.

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Color

CIELCh(79, 37.103, 178.194)

Conversions

Conversions Part 1

Format	Color
Hex	67D6C0
RGB	103, 214, 192
RGB Percent	40%, 84%, 75%
CMY	0.5951, 0.1598, 0.2461
CMYK	0.52, 0.00, 0.10, 0.16
HSL	168°, 58%, 62%
HSV	168°, 52%, 84%
XYZ	39.2691, 54.9284, 58.5359
YIQ	178.3030, -59.0940, -30.3740

Conversions

Conversions Part 2

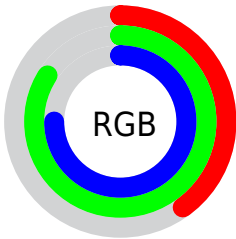
Format	Color
RYB	103, 165, 214
Decimal	6805184
CIELab	79.00, -37.08, 1.17
CIElCh	79, 37.103, 178.194
Yxy	54.9284, 0.2571, 0.3596
Android (android.graphics.Color)	4284995264 (0xFF67D6C0)
YUV	178.3030, 6.7526, -66.0407
Hunter-Lab	74.1137, -35.1208, 5.0516

Details

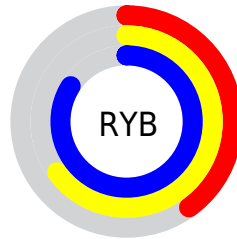
The CIELCh color **79, 37.103, 178.194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 46.545, 10.759**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.885, 190.573**, and **59, 37.098, 178.252** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.375, 176.936**, and if you desaturate by 10%, it is **80, 31.044, 179.344**.

Distribution



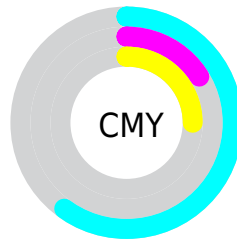
- Red (40%)
- Green (84%)
- Blue (75%)



- Red (40%)
- Yellow (65%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





- Cyan (60%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 37.103, 178.194 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, 37.103, 178.194 by changing the saturation by 10% instead.


 79, 37.103,
178.194

 79, 37.103,
178.194


 100, 37.103,
178.194


 69, 37.103,
178.194


 99, 37.103,
178.194

 59, 37.103,
178.194

 49, 37.103,
178.194

 39, 37.103,
178.194

 29, 37.103,
178.194

 19, 37.103,
178.194

 9, 37.103, 178.194

0, 37.103, 178.194

79, 37.103,
178.194

79, 37.103,
178.194

78, 42.375,
176.936

80, 31.044,
179.344

78, 46.773,
175.551

81, 24.315,
180.412

77, 50.261,
174.014

82, 17.052,
181.417

77, 52.877,
172.310

84, 9.389, 182.382

77, 54.532,
170.820

85, 1.450, 183.591

87, 6.655, 3.997

89, 14.836, 4.867

■ 89, 16.092,
357.961

■ 89, 16.981,
351.028

Harmonies

Complementary

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



79, 37.103, 178.194



58, 46.545, 10.759

Rectangle

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



79, 37.103, 178.194



79, 37.103, 228.194



79, 37.103, 358.194



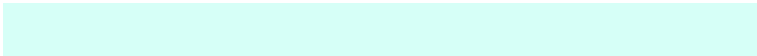
79, 37.103, 48.194

Sweetspot

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



79, 37.103, 178.193



97, 14.558, 181.964



78, 66.212, 135.770



51, 9.794, 181.764



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, 37.103, 178.193



91, 48.771, 176.829



70, 28.347, 238.464



44, 4.527, 182.614



62, 45.888, 171.132



15, 17.199, 174.963

Inverse Universe

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



58, 46.545, 10.759



63, 64.180, 13.639



64, 39.955, 49.018



42, 4.700, 4.193



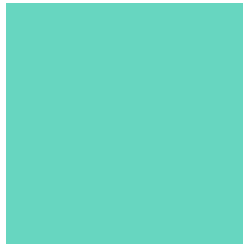
36, 68.709, 29.235



5, 22.053, 10.943

Previews

White Background



This preview shows how the CIELCh color 79, 37.103, 178.194 looks on a white background.

Color Contrast Check

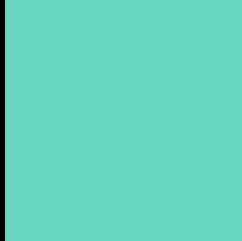
Large Text (above 18pt) WCAG AA × Fail

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, 37.103, 178.194 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

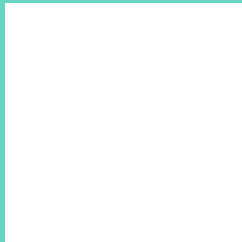
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 37.103, 178.194

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.103, 178.194.

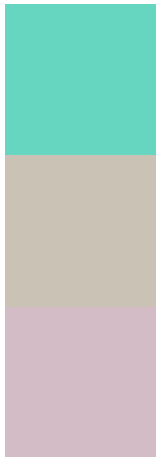


This preview shows how white text looks on a background with the CIELCh color 79, 37.103, 178.194.

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, 37.103, 178.194

Protanopia
79, 7.400, 88.497

Deuteranopia
78, 10.077, 348.250



Tritanopia
79, 29.154, 215.901

Trichromacy



Original Color
79, 37.103, 178.194



Protanomaly
78, 15.695, 165.170



Deuteranomaly
78, 9.343, 192.140



Tritanomaly
79, 30.539, 200.317

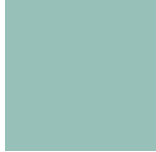
Monochromacy



Original Color
79, 37.103, 178.194



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 15.267, 181.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.103, 178.194 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(103, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(103, 214, 192)  
}
```

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(103, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 214, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.103, 178.194 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(103, 214, 192) }
```

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

```
.border{ border-color:rgb(103, 214, 192) }
```

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

Here you see how a box with a 4 pixel rgb(103, 214, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(103, 214,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.103, 178.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 214, 192) }
```

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

```
.background{ background-color: rgb(103,  
214, 192) }
```

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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