

Converting Colors

CIELCh(79, 37.857, 203.421)

Have a look what the booklet for
CIELCh(79, 37.857, 203.421)
contains.

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Color

CIELCh(79, 37.747, 203.439)

Conversions

Conversions Part 1

Format	Color
Hex	48D6DE
RGB	72, 214, 222
RGB Percent	28%, 84%, 87%
CMY	0.7160, 0.1596, 0.1282
CMYK	0.67, 0.04, 0.00, 0.13
HSL	183°, 70%, 58%
HSV	183°, 67%, 87%
XYZ	40.0500, 54.9284, 77.8090
YIQ	172.4540, -87.2000, -27.6160

Conversions

Conversions Part 2

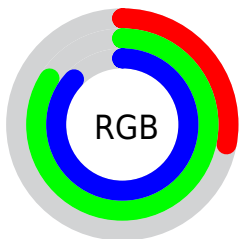
Format	Color
RYB	72, 145, 222
Decimal	4773598
CIELab	79.00, -34.63, -15.01
CIELCh	79, 37.747, 203.439
Yxy	54.9284, 0.2318, 0.3179
Android (android.graphics.Color)	4282963678 (0xFF48D6DE)
YUV	172.4540, 24.4262, -88.0982
Hunter-Lab	74.1137, -33.2400, -10.3666

Details

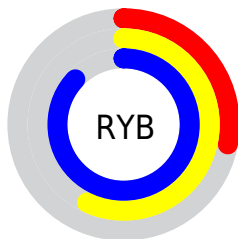
The CIELCh color **79, 37.747, 203.439** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 64.839, 32.262**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.470, 197.301**, and **60, 34.254, 204.247** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.082, 203.840**, and if you desaturate by 10%, it is **80, 34.428, 203.201**.

Distribution



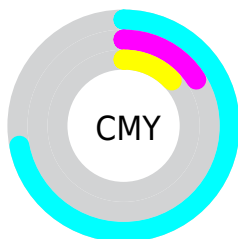
- Red (28%)
- Green (84%)
- Blue (87%)



- Red (28%)
- Yellow (57%)
- Blue (87%)



- Cyan (67%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)




- Cyan (72%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 37.747, 203.439 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, 37.747, 203.439 by changing the saturation by 10% instead.


 79, 37.747,
203.439

 79, 37.747,
203.439


 100, 37.747,
203.439


 69, 37.747,
203.439


 99, 37.747,
203.439

 59, 37.747,
203.439

 49, 37.747,
203.439

 39, 37.747,
203.439

 29, 37.747,
203.439

 19, 37.747,
203.439

 9, 37.747, 203.439

0, 37.747, 203.439

79, 37.747,
203.439

79, 37.747,
203.439

78, 40.082,
203.840

80, 34.428,
203.201

78, 41.460,
204.423

81, 30.160,
203.113

77, 41.999,
205.189

82, 25.021,
203.154

77, 42.075,
205.400

84, 19.118,
203.308

85, 12.574,
203.561

87, 5.511, 203.935

■ 89, 1.953, 23.888

■ 91, 9.717, 24.551

■ 92, 11.115, 27.218

Harmonies

Complementary

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



79, 37.747, 203.439



54, 64.839, 32.262

Rectangle

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



79, 37.747, 203.439



79, 37.747, 253.439



79, 37.747, 23.439



79, 37.747, 73.439

Sweetspot

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



79, 37.746, 203.438



96, 15.989, 203.483



79, 87.269, 139.493



51, 10.805, 203.408



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, 37.746, 203.438



88, 45.226, 204.062



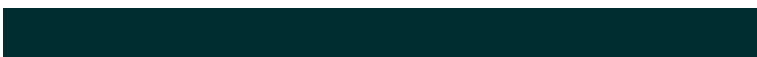
57, 48.548, 275.827



46, 4.224, 203.843



62, 35.366, 205.250



16, 14.679, 203.712

Inverse Universe

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



57, 85.215, 329.452



62, 105.286, 329.976



69, 54.862, 71.469



44, 7.863, 326.412



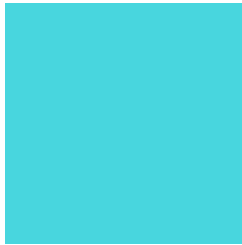
41, 83.918, 330.466



8, 34.666, 330.075

Previews

White Background



This preview shows how the CIELCh color 79, 37.747, 203.439 looks on a white background.

Color Contrast Check

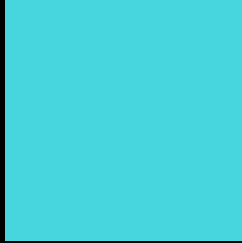
Large Text (above 18pt) WCAG AA × Fail

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, 37.747, 203.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

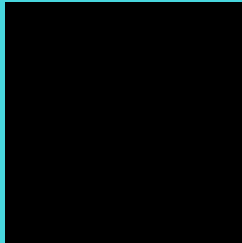
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.747, 203.439

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.747, 203.439.

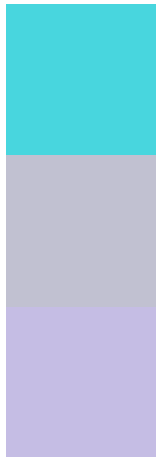


This preview shows how white text looks on a background with the CIELCh color 79, 37.747, 203.439.

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, 37.747, 203.439

Protanopia
79, 8.566, 290.961

Deuteranopia
78, 21.139, 299.475

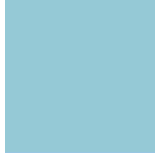


Tritanopia
79, 36.571, 211.604

Trichromacy



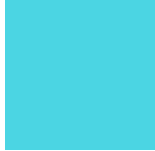
Original Color
79, 37.747, 203.439



Protanomaly
78, 18.226, 220.898



Deuteranomaly
78, 20.612, 245.728

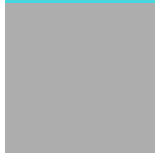


Tritanomaly
79, 36.874, 208.833

Monochromacy



Original Color
79, 37.747, 203.439



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 17.649, 203.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.747, 203.439 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(72, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(72, 214, 222)  
}
```

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(72, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 214, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.747, 203.439 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(72, 214, 222) }
```

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

```
.border{ border-color:rgb(72, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(72, 214,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.747, 203.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 214, 222) }
```

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

```
.background{ background-color: rgb(72, 214,  
222) }
```

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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