

Converting Colors

CIELCh(79, 48.592, 172.501)

Have a look what the booklet for
CIELCh(79, 48.592, 172.501)
contains.

| | |
|--|----|
| CIELCh(79, 48.915, 172.137) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(79, 48.915, 172.137)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40DBB6 |
| RGB | 64, 219, 182 |
| RGB Percent | 25%, 86%, 71% |
| CMY | 0.7471, 0.1427, 0.2877 |
| CMYK | 0.71, 0.00, 0.17, 0.14 |
| HSL | 166°, 68%, 56% |
| HSV | 166°, 71%, 86% |
| XYZ | 35.7808, 54.9284, 52.7727 |
| YIQ | 168.4370, -80.5030, -44.3670 |

Conversions

Conversions Part 2

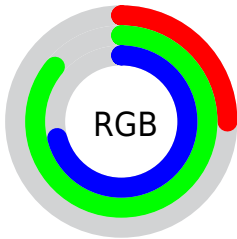
| Format | Color |
|-------------------------------------|--|
| RYB | 64, 152, 219 |
| Decimal | 4250550 |
| CIELab | 79.00, -48.46, 6.69 |
| CIELCh | 79, 48.915, 172.137 |
| Yxy | 54.9284, 0.2494, 0.3828 |
| Android (android.graphics.Color) | 4282440630 (0xFF40DBB6) |
| YUV | 168.4370, 6.6866, -91.5912 |
| Hunter-Lab | 74.1137, -43.5223, 9.6621 |

Details

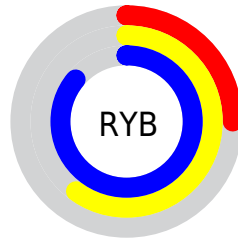
The CIELCh color **79, 48.915, 172.137** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **51, 63.425, 12.984**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.835, 183.828**, and **60, 44.861, 170.178** is the 20% darker color. If you saturate the color by 10%, you get **79, 52.951, 170.477**, and if you desaturate by 10%, it is **80, 43.971, 173.625**.

Distribution



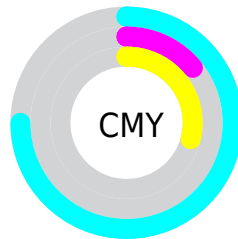
- Red (25%)
- Green (86%)
- Blue (71%)



- Red (25%)
- Yellow (60%)
- Blue (86%)



- Cyan (71%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)




- Cyan (75%)
- Magenta (14%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 48.915, 172.137 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, 48.915, 172.137 by changing the saturation by 10% instead.


 79, 48.915,
172.137

 79, 48.915,
172.137

 100, 48.915,
172.137


 69, 48.915,
172.137


 99, 48.915,
172.137

 59, 48.915,
172.137

 49, 48.915,
172.137

 39, 48.915,
172.137

 29, 48.915,
172.137

 19, 48.915,
172.137

 9, 48.915, 172.137

0, 48.915, 172.137

79, 48.915,
172.137

79, 48.915,
172.137

79, 52.951,
170.477

80, 43.971,
173.625

78, 56.102,
168.633

80, 38.168,
174.967

78, 58.450,
166.749

81, 31.604,
176.188

83, 24.409,
177.311

84, 16.723,
178.357

85, 8.684, 179.356

■ 87, 0.417, 181.484

■ 89, 7.971, 1.012

■ 90, 14.234,
358.672

Harmonies

Complementary

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



79, 48.915, 172.137



51, 63.425, 12.984

Rectangle

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



79, 48.915, 172.137



79, 48.915, 222.137



79, 48.915, 352.137



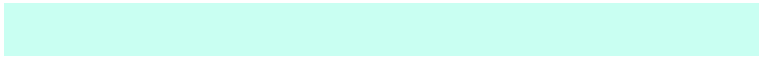
79, 48.915, 42.137

Sweetspot

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



79, 48.915, 172.136



96, 19.383, 178.288



78, 86.329, 133.551



51, 13.056, 178.002



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, 48.915, 172.136



90, 61.449, 169.536



69, 35.000, 235.276



45, 4.710, 179.463



63, 48.934, 167.094



16, 18.646, 171.076

Inverse Universe

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



51, 63.425, 12.984



55, 82.773, 19.424



57, 60.324, 44.956



43, 4.869, 1.090



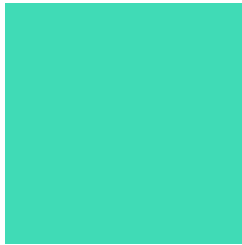
36, 67.719, 26.019



5, 23.784, 9.878

Previews

White Background



This preview shows how the CIE LCh color 79, 48.915, 172.137 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, 48.915, 172.137 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

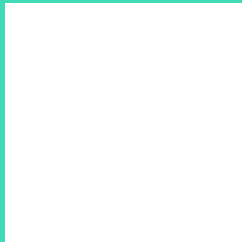
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 48.915, 172.137

Background



This preview shows how black text looks on a background with the CIELCh color 79, 48.915, 172.137.

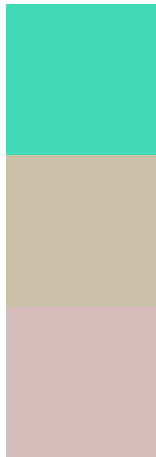


This preview shows how white text looks on a background with the CIELCh color 79, 48.915, 172.137.

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, 49.046, 172.194

Protanopia

78, 13.354, 92.066

Deuteranopia

78, 10.224, 20.181



Tritanopia
79, 34.855, 212.448

Trichromacy



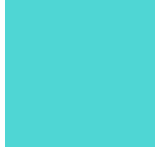
Original Color
79, 49.046, 172.194



Protanomaly
77, 23.440, 157.935



Deuteranomaly
77, 15.730, 171.863

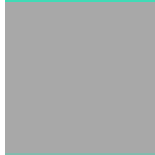


Tritanomaly
79, 37.710, 195.140

Monochromacy



Original Color
79, 49.046, 172.194



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 21.053, 177.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 48.915, 172.137 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(64, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(64, 219, 182)  
}
```

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(64, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 219, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 48.915, 172.137 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(64, 219, 182) }
```

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

```
.border{ border-color:rgb(64, 219, 182) }
```

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

Here you see how a box with a 4 pixel rgb(64, 219, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(64, 219,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 48.915, 172.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 219, 182) }
```

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

```
.background{ background-color: rgb(64, 219,  
182) }
```

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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