

Converting Colors

CIELCh(79, 45.047, 184.592)

Have a look what the booklet for
CIELCh(79, 45.047, 184.592)
contains.

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Color

CIELCh(79, 45.047, 184.553)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 32DAC9 |
| RGB | 50, 218, 201 |
| RGB Percent | 20%, 85%, 79% |
| CMY | 0.8051, 0.1458, 0.2124 |
| CMYK | 0.77, 0.00, 0.08, 0.15 |
| HSL | 174°, 69%, 52% |
| HSV | 174°, 77%, 85% |
| XYZ | 36.8468, 54.9284, 63.8109 |
| YIQ | 165.8300, -94.6710, -40.9030 |

Conversions

Conversions Part 2

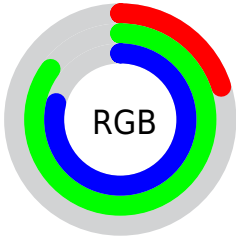
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 50, 138, 218 |
| Decimal | 3332809 |
| CIE Lab | 79.00, -44.90, -3.58 |
| CIE LCh | 79, 45.047, 184.553 |
| Yxy | 54.9284, 0.2368, 0.3530 |
| Android (android.graphics.Color) | 4281522889 (0xFF32DAC9) |
| YUV | 165.8300, 17.3388, -101.5829 |
| Hunter-Lab | 74.1137, -40.9549, 0.8317 |

Details

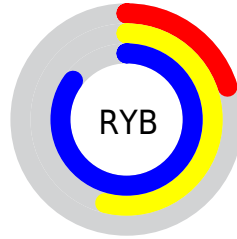
The CIELCh color **79, 45.047, 184.553** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **49, 71.709, 26.301**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.689, 197.109**, and **60, 38.846, 183.345** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.278, 183.487**, and if you desaturate by 10%, it is **79, 41.874, 185.533**.

Distribution



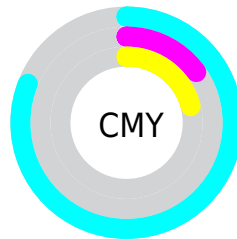
- Red (20%)
- Green (85%)
- Blue (79%)



- Red (20%)
- Yellow (54%)
- Blue (85%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)





- Cyan (81%)
- Magenta (15%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 45.047, 184.553 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, 45.047, 184.553 by changing the saturation by 10% instead.


 79, 45.047,
184.553


 79, 45.047,
184.553


 100, 45.047,
184.553


 69, 45.047,
184.553


 99, 45.047,
184.553

 59, 45.047,
184.553

 49, 45.047,
184.553

 39, 45.047,
184.553

 29, 45.047,
184.553

 19, 45.047,
184.553

 9, 45.047, 184.553

0, 45.047, 184.553

79, 45.047,
184.553

79, 45.047,
184.553

79, 47.278,
183.487

79, 41.874,
185.533

79, 48.670,
182.325

80, 37.746,
186.448

78, 48.992,
181.993

81, 32.709,
187.316

82, 26.853,
188.150

83, 20.300,
188.964

84, 13.180,
189.770

■ 86, 5.625, 190.607

■ 87, 2.244, 11.020

■ 89, 10.320, 11.979

Harmonies

Complementary

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



79, 45.047, 184.553



49, 71.709, 26.301

Rectangle

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



79, 45.047, 184.553



79, 45.047, 234.553



79, 45.047, 4.553



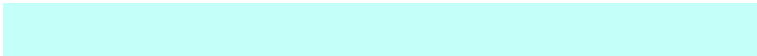
79, 45.047, 54.553

Sweetspot

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



79, 45.047, 184.552



96, 19.741, 189.285



77, 94.694, 135.854



51, 13.522, 188.991



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, 45.047, 184.552



91, 54.380, 182.725



60, 41.810, 259.609



45, 4.451, 190.408



64, 41.254, 182.192



16, 16.256, 184.444

Inverse Universe

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



49, 71.709, 26.301



54, 95.340, 33.751



59, 63.258, 55.200



43, 4.672, 11.779



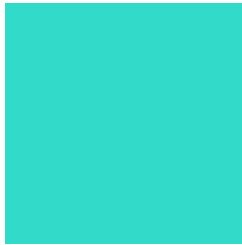
36, 74.034, 35.573



5, 23.730, 15.903

Previews

White Background



This preview shows how the CIELCh color 79, 45.047, 184.553 looks on a white background.

Color Contrast Check

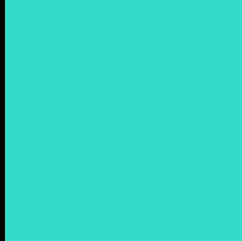
Large Text (above 18pt) WCAG AA × Fail

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, 45.047, 184.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

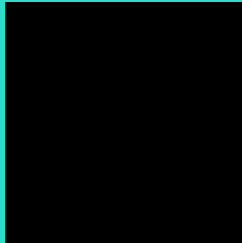
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

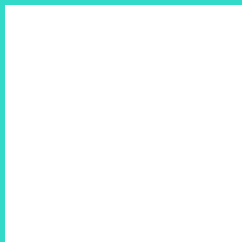
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 45.047, 184.553

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.047, 184.553.

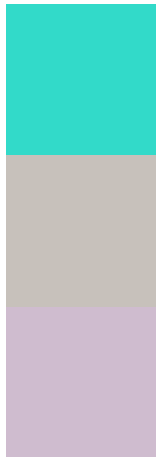


This preview shows how white text looks on a background with the CIELCh color 79, 45.047, 184.553.

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

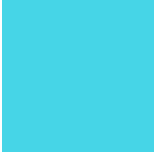
79, 45.047, 184.553

Protanopia

78, 3.890, 74.599

Deuteranopia

78, 12.342, 324.922



Tritanopia
79, 37.527, 212.037

Trichromacy



Original Color
79, 45.047, 184.553



Protanomaly
77, 20.487, 182.624



Deuteranomaly
77, 16.704, 209.433

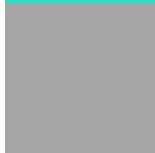


Tritanomaly
79, 39.363, 200.670

Monochromacy



Original Color
79, 45.047, 184.553



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 21.165, 188.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.047, 184.553 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(50, 218, 201)` looks like.

```
.text, #text, p{  
    color:rgb(50, 218, 201)  
}
```

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(50, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 218, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.047, 184.553 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(50, 218, 201) }
```

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

```
.border{ border-color:rgb(50, 218, 201) }
```

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

Here you see how a box with a 4 pixel rgb(50, 218, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(50, 218,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.047, 184.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 218, 201) }
```

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

```
.background{ background-color: rgb(50, 218,  
201) }
```

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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