

Converting Colors

CIELCh(74, 41.236, 184.893)

Have a look what the booklet for
CIELCh(74, 41.236, 184.893)
contains.

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Color

CIELCh(74, 41.165, 184.901)

Conversions

Conversions Part 1

Format	Color
Hex	38CABB
RGB	56, 202, 187
RGB Percent	22%, 79%, 73%
CMY	0.7800, 0.2076, 0.2664
CMYK	0.72, 0.00, 0.07, 0.21
HSL	174°, 58%, 51%
HSV	174°, 72%, 79%
XYZ	31.7471, 46.7039, 54.3893
YIQ	156.6360, -82.2010, -35.6170

Conversions

Conversions Part 2

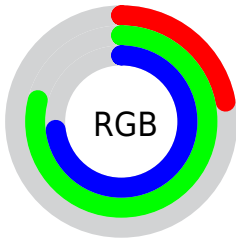
Format	Color
RYB	56, 133, 202
Decimal	3721915
CIELab	74.00, -41.01, -3.52
CIELCh	74, 41.165, 184.901
Yxy	46.7039, 0.2390, 0.3516
Android (android.graphics.Color)	4281911995 (0xFF38CABB)
YUV	156.6360, 14.9695, -88.2578
Hunter-Lab	68.3403, -36.6744, 0.6517

Details

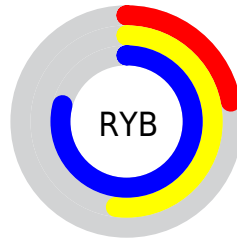
The CIELCh color **74, 41.165, 184.901** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **47, 63.287, 24.098**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.374, 187.830**, and **55, 35.984, 183.975** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.740, 183.875**, and if you desaturate by 10%, it is **75, 37.694, 185.849**.

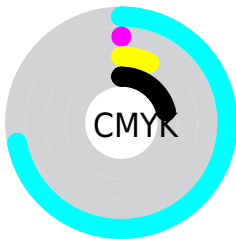
Distribution



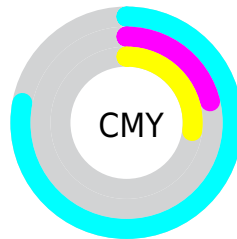
- Red (22%)
- Green (79%)
- Blue (73%)



- Red (22%)
- Yellow (52%)
- Blue (79%)



- Cyan (72%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)





- Cyan (78%)
- Magenta (21%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.165, 184.901 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 74, 41.165, 184.901 by changing the saturation by 10% instead.


 74, 41.165,
184.901


 74, 41.165,
184.901


 100, 41.165,
184.901


 64, 41.165,
184.901


 94, 41.165,
184.901

 54, 41.165,
184.901

 44, 41.165,
184.901

 34, 41.165,
184.901

 24, 41.165,
184.901

 14, 41.165,
184.901

 4, 41.165, 184.901

■ 0, 41.165, 184.901

■ 74, 41.165,
184.901

■ 74, 41.165,
184.901

■ 74, 43.740,
183.875

■ 75, 37.694,
185.849

■ 73, 45.463,
182.757

■ 75, 33.345,
186.742

■ 73, 46.374,
181.838

■ 76, 28.185,
187.593

■ 77, 22.317,
188.418

■ 78, 15.859,
189.226

■ 80, 8.934, 190.037

■ 81, 1.662, 191.074

■ 83, 5.852, 11.421

■ 84, 13.516, 12.227

Harmonies

Complementary

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



74, 41.165, 184.901



47, 63.287, 24.098

Rectangle

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



74, 41.165, 184.901



74, 41.165, 234.901



74, 41.165, 4.901



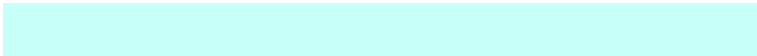
74, 41.165, 54.901

Sweetspot

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



74, 41.165, 184.900



96, 18.947, 189.221



72, 85.334, 136.166



51, 12.635, 189.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 41.165, 184.900



91, 53.457, 183.222



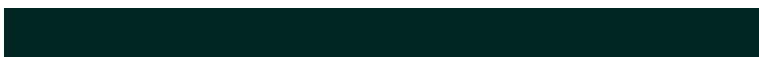
58, 37.418, 257.434



42, 4.196, 190.275



61, 39.961, 182.022



13, 14.536, 184.762

Inverse Universe

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



47, 63.287, 24.098



55, 90.396, 30.857



57, 55.150, 55.662



40, 4.402, 11.636



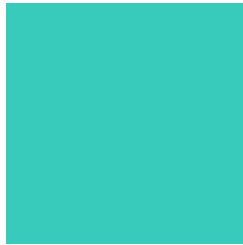
34, 71.398, 35.319



4, 18.002, 14.353

Previews

White Background



This preview shows how the CIELCh color 74, 41.165, 184.901 looks on a white background.

Color Contrast Check

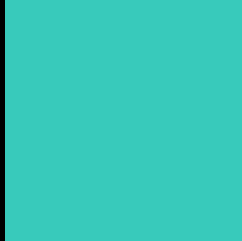
Large Text (above 18pt) WCAG AA × Fail

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 74, 41.165, 184.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

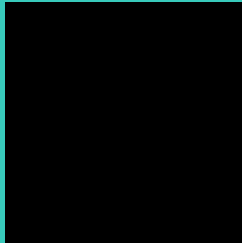
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

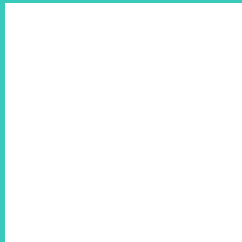
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.165, 184.901

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.165, 184.901.

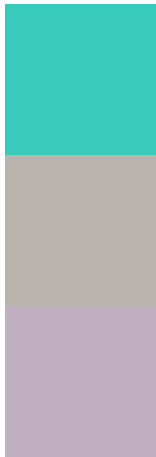


This preview shows how white text looks on a background with the CIELCh color 74, 41.165, 184.901.

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

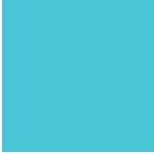
74, 41.165, 184.901

Protanopia

74, 3.738, 79.359

Deuteranopia

73, 11.645, 323.400



Tritanopia
74, 34.478, 211.795

Trichromacy



Original Color
74, 41.165, 184.901



Protanomaly
73, 18.336, 182.425



Deuteranomaly
72, 14.684, 211.259

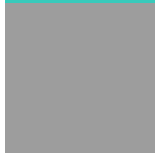


Tritanomaly
74, 35.991, 201.184

Monochromacy



Original Color
74, 41.165, 184.901



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 18.740, 189.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.165, 184.901 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(56, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(56, 202, 187)  
}
```

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(56, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 202, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.165, 184.901 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(56, 202, 187) }
```

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

```
.border{ border-color:rgb(56, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(56, 202,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.165, 184.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 202, 187) }
```

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

```
.background{ background-color: rgb(56, 202,  
187) }
```

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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