

Converting Colors

CIELCh(74, 29.055, 176.624)

Have a look what the booklet for
CIELCh(74, 29.055, 176.624)
contains.

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Color

CIELCh(74, 29.336, 176.563)

Conversions

Conversions Part 1

Format	Color
Hex	74C5B2
RGB	116, 197, 178
RGB Percent	45%, 77%, 70%
CMY	0.5462, 0.2285, 0.3030
CMYK	0.41, 0.00, 0.10, 0.23
HSL	166°, 41%, 61%
HSV	166°, 41%, 77%
XYZ	35.0778, 46.7039, 49.1431
YIQ	170.6150, -42.1770, -23.0810

Conversions

Conversions Part 2

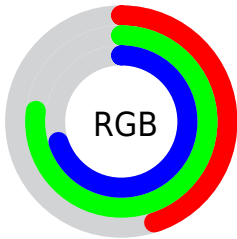
Format	Color
RYB	116, 162, 197
Decimal	7652786
CIELab	74.00, -29.28, 1.76
CIElCh	74, 29.336, 176.563
Yxy	46.7039, 0.2679, 0.3567
Android (android.graphics.Color)	4285842866 (0xFF74C5B2)
YUV	170.6150, 3.6408, -47.8974
Hunter-Lab	68.3403, -27.9746, 5.2031

Details

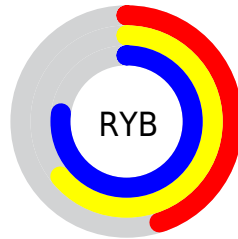
The CIELCh color **74, 29.336, 176.563** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 34.302, 5.791**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.386, 176.966**, and **54, 29.583, 175.954** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.300, 175.354**, and if you desaturate by 10%, it is **75, 22.790, 177.673**.

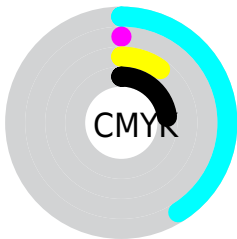
Distribution



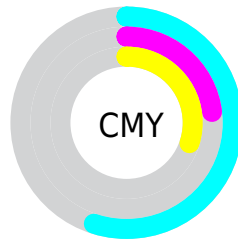
- Red (45%)
- Green (77%)
- Blue (70%)



- Red (45%)
- Yellow (64%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.336, 176.563 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, 29.336, 176.563 by changing the saturation by 10% instead.

 74, 29.336,
176.563

 74, 29.336,
176.563


 100, 29.336,
176.563


 64, 29.336,
176.563


 94, 29.336,
176.563

 54, 29.336,
176.563

 44, 29.336,
176.563

 34, 29.336,
176.563

 24, 29.336,
176.563

 14, 29.336,
176.563

 4, 29.336, 176.563

0, 29.336, 176.563

74, 29.336,
176.563

74, 29.336,
176.563

73, 35.300,
175.354

75, 22.790,
177.673

72, 40.563,
174.027

76, 15.785,
178.710

72, 45.038,
172.558

78, 8.448, 179.700

71, 48.683,
170.924

79, 0.892, 181.104

71, 51.520,
169.108

81, 6.785, 1.343

71, 53.520,
167.400

83, 14.501, 2.209

85, 22.194, 3.014

■ 85, 23.437,
357.846

■ 85, 24.346,
352.537

Harmonies

Complementary

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



74, 29.336, 176.563



58, 34.302, 5.791

Rectangle

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



74, 29.336, 176.563



74, 29.336, 226.563



74, 29.336, 356.563



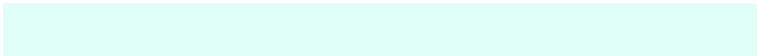
74, 29.336, 46.563

Sweetspot

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



74, 29.337, 176.561



98, 11.187, 179.600



74, 48.956, 135.136



52, 7.408, 179.470



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, 29.337, 176.561



92, 41.935, 175.531



69, 21.838, 228.992



41, 4.334, 179.877



60, 46.404, 167.696



11, 15.721, 172.796

Inverse Universe

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



58, 34.302, 5.791



69, 50.746, 7.483



62, 28.979, 44.273



39, 4.481, 1.477



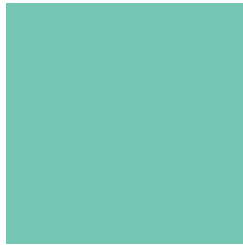
34, 64.827, 26.172



4, 16.284, 7.440

Previews

White Background



This preview shows how the CIELCh color 74, 29.336, 176.563 looks on a white background.

Color Contrast Check

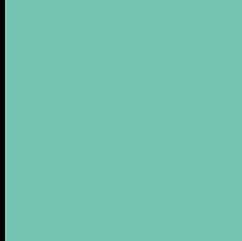
Large Text (above 18pt) WCAG AA × Fail

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, 29.336, 176.563 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

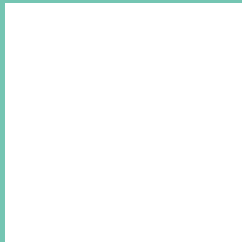
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 29.336, 176.563

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.336, 176.563.

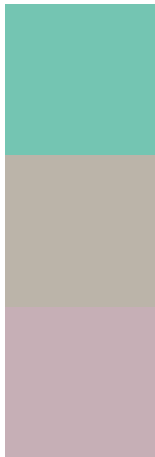


This preview shows how white text looks on a background with the CIELCh color 74, 29.336, 176.563.

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, 29.336, 176.563

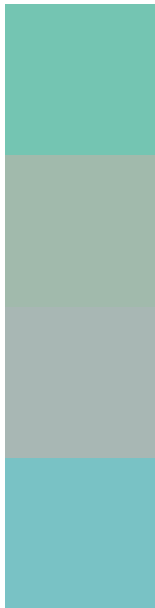
Protanopia
74, 6.504, 85.178

Deuteranopia
74, 9.485, 356.725



Tritanopia
74, 22.824, 220.442

Trichromacy



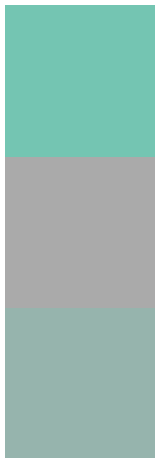
Original Color
74, 29.336, 176.563

Protanomaly
73, 12.054, 159.502

Deuteranomaly
73, 5.766, 182.613

Tritanomaly
74, 23.608, 201.636

Monochromacy



Original Color
74, 29.336, 176.563

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.634, 179.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.336, 176.563 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(116, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(116, 197, 178)  
}
```

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(116, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 197, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.336, 176.563 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(116, 197, 178) }
```

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

```
.border{ border-color:rgb(116, 197, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 197, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 197, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 197, 178);  
box-shadow:4px 4px 4px 4px rgb(116, 197,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.336, 176.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 197, 178) }
```

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

```
.background{ background-color: rgb(116,  
197, 178) }
```

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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