

Converting Colors

CIELCh(74, 26.403, 204.652)

Have a look what the booklet for
CIELCh(74, 26.403, 204.652)
contains.

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Color

CIELCh(74, 26.310, 204.656)

Conversions

Conversions Part 1

Format	Color
Hex	6FC3C9
RGB	111, 195, 201
RGB Percent	44%, 76%, 79%
CMY	0.5641, 0.2347, 0.2112
CMYK	0.45, 0.03, 0.00, 0.21
HSL	184°, 46%, 61%
HSV	184°, 45%, 79%
XYZ	36.6778, 46.7039, 62.4247
YIQ	170.5680, -51.9900, -15.9420

Conversions

Conversions Part 2

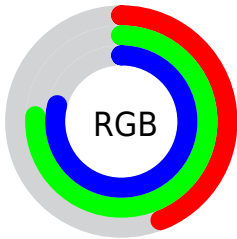
Format	Color
R_{YB}	111, 154, 201
Decimal	7324617
CIE _{Lab}	74.00, -23.91, -10.98
CIE _{LCh}	74, 26.310, 204.656
Yxy	46.7039, 0.2516, 0.3203
Android (android.graphics.Color)	4285514697 (0xFF6FC3C9)
YUV	170.5680, 15.0030, -52.2411
Hunter-Lab	68.3403, -23.7957, -6.3196

Details

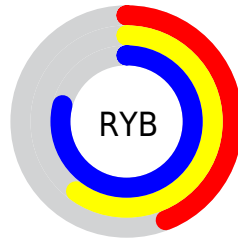
The CIELCh color **74, 26.310, 204.656** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 36.744, 28.663**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 26.330, 201.189**, and **54, 26.277, 204.655** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.438, 204.803**, and if you desaturate by 10%, it is **75, 21.419, 204.644**.

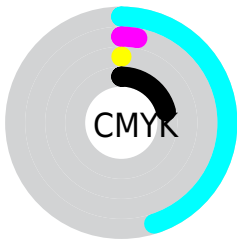
Distribution



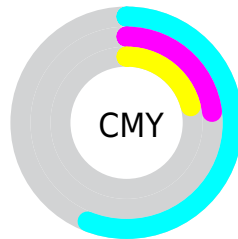
- Red (44%)
- Green (76%)
- Blue (79%)



- Red (44%)
- Yellow (60%)
- Blue (79%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)





- Cyan (56%)
- Magenta (23%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 26.310, 204.656 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, 26.310, 204.656 by changing the saturation by 10% instead.


 74, 26.310,
204.656


 74, 26.310,
204.656


 100, 26.310,
204.656


 64, 26.310,
204.656


 94, 26.310,
204.656

 54, 26.310,
204.656

 44, 26.310,
204.656

 34, 26.310,
204.656

 24, 26.310,
204.656

 14, 26.310,
204.656

 4, 26.310, 204.656

0, 26.310, 204.656

74, 26.310,
204.656

74, 26.310,
204.656

73, 30.438,
204.803

75, 21.419,
204.644

72, 33.721,
205.114

77, 15.867,
204.755

71, 36.113,
205.612

78, 9.766, 204.974

80, 3.226, 205.363

70, 37.619,
206.317

82, 3.653, 25.371

70, 38.308,
207.245

84, 10.781, 25.852

70, 38.472,
207.793

86, 18.084, 26.287

■ 87, 18.855, 28.205

■ 87, 18.468, 30.475

Harmonies

Complementary

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



74, 26.310, 204.656



58, 36.744, 28.663

Rectangle

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



74, 26.310, 204.656



74, 26.310, 254.656



74, 26.310, 24.656



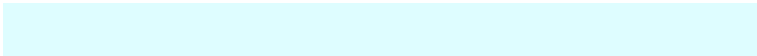
74, 26.310, 74.656

Sweetspot

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



74, 26.310, 204.654



97, 10.488, 205.018



74, 56.328, 142.238



51, 7.291, 204.956



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, 26.310, 204.654



90, 36.399, 204.803



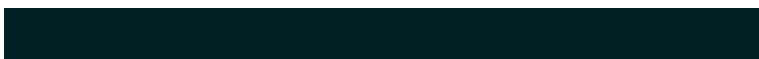
62, 29.825, 268.745



41, 3.778, 205.144



57, 32.977, 207.607



11, 12.127, 204.948

Inverse Universe

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



60, 55.500, 328.787



70, 79.400, 329.303



69, 32.562, 74.781



39, 7.054, 326.789



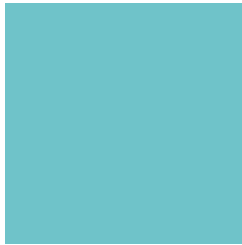
38, 78.583, 331.047



4, 25.255, 329.300

Previews

White Background



This preview shows how the CIELCh color 74, 26.310, 204.656 looks on a white background.

Color Contrast Check

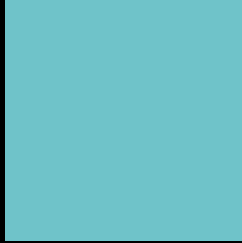
Large Text (above 18pt) WCAG AA × Fail

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 74, 26.310, 204.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

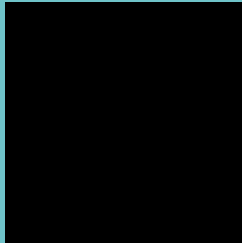
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

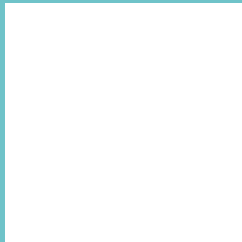
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 26.310, 204.656

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.310, 204.656.

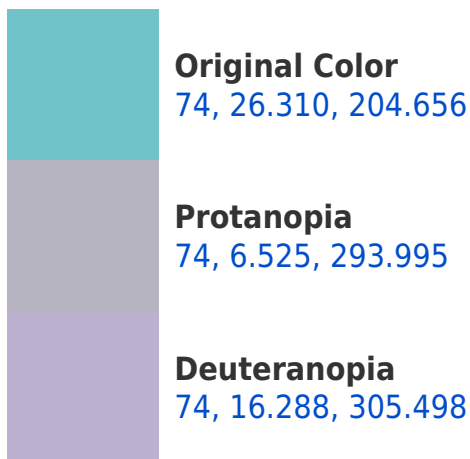


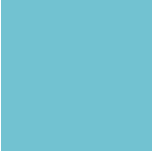
This preview shows how white text looks on a background with the CIELCh color 74, 26.310, 204.656.

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





Tritanopia
74, 25.585, 216.381

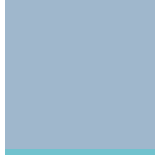
Trichromacy



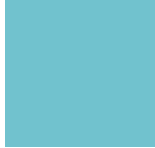
Original Color
74, 26.310, 204.656



Protanomaly
74, 11.387, 224.184



Deuteranomaly
73, 13.821, 254.856

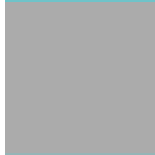


Tritanomaly
74, 25.632, 212.460

Monochromacy



Original Color
74, 26.310, 204.656



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 11.026, 204.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.310, 204.656 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(111, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 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(111, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.310, 204.656 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(111, 195, 201) }
```

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

```
.border{ border-color:rgb(111, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.310, 204.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 201) }
```

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

```
.background{ background-color: rgb(111,  
195, 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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