

Converting Colors

CIELCh(74, 29.074, 184.922)

Have a look what the booklet for
CIELCh(74, 29.074, 184.922)
contains.

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Color

CIELCh(74, 29.034, 185.286)

Conversions

Conversions Part 1

Format	Color
Hex	6EC5BA
RGB	110, 197, 186
RGB Percent	43%, 77%, 73%
CMY	0.5692, 0.2281, 0.2712
CMYK	0.44, 0.00, 0.06, 0.23
HSL	172°, 43%, 60%
HSV	172°, 44%, 77%
XYZ	35.1873, 46.7039, 53.5280
YIQ	169.7330, -48.3210, -21.8650

Conversions

Conversions Part 2

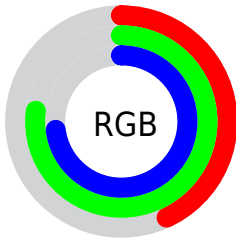
Format	Color
R_{YB}	110, 156, 197
Decimal	7259578
CIE _{Lab}	74.00, -28.91, -2.67
CIE _{LCh}	74, 29.034, 185.286
Yxy	46.7039, 0.2598, 0.3449
Android (android.graphics.Color)	4285449658 (0xFF6EC5BA)
YUV	169.7330, 8.0196, -52.3858
Hunter-Lab	68.3403, -27.6887, 1.3989

Details

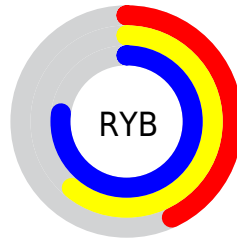
The CIELCh color **74, 29.034, 185.286** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 36.761, 14.545**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.081, 185.240**, and **54, 29.078, 185.109** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.080, 184.335**, and if you desaturate by 10%, it is **75, 23.292, 186.187**.

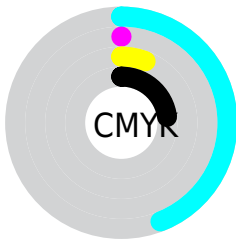
Distribution



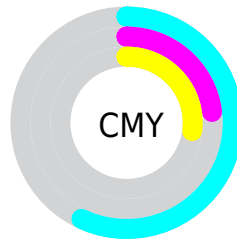
- Red (43%)
- Green (77%)
- Blue (73%)



- Red (43%)
- Yellow (61%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.034, 185.286 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, 29.034, 185.286 by changing the saturation by 10% instead.

 74, 29.034,
185.286

 74, 29.034,
185.286

 100, 29.034,
185.286

 64, 29.034,
185.286

 94, 29.034,
185.286

 54, 29.034,
185.286

 44, 29.034,
185.286

 34, 29.034,
185.286

 24, 29.034,
185.286

 14, 29.034,
185.286

 4, 29.034, 185.286

0, 29.034, 185.286

74, 29.034,
185.286

74, 29.034,
185.286

73, 34.080,
184.335

75, 23.292,
186.187

73, 38.331,
183.323

76, 16.969,
187.058

72, 41.728,
182.229

77, 10.187,
187.914

72, 44.257,
181.033

79, 3.063, 188.848

72, 45.975,
179.719

80, 4.296, 9.351

82, 11.800, 10.208

71, 46.736,
178.925

84, 19.373, 10.990

■ 85, 22.301, 9.207

■ 85, 22.505, 5.945

Harmonies

Complementary

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



74, 29.034, 185.286



56, 36.761, 14.545

Rectangle

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



74, 29.034, 185.286



74, 29.034, 235.286



74, 29.034, 5.286



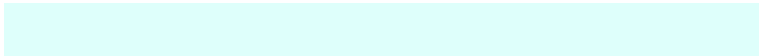
74, 29.034, 55.286

Sweetspot

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



74, 29.034, 185.284



98, 11.531, 188.000



73, 54.345, 137.996



52, 8.033, 187.808



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, 29.034, 185.284



92, 41.194, 184.372



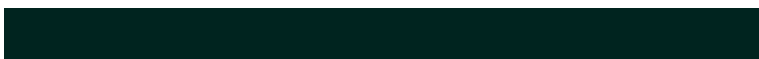
65, 24.017, 246.414



41, 4.140, 188.334



60, 40.586, 179.132



12, 14.224, 182.572

Inverse Universe

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



56, 36.761, 14.545



67, 55.227, 16.651



64, 30.431, 56.090



39, 4.330, 9.756



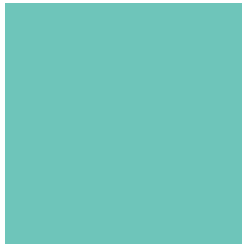
34, 69.496, 33.916



3, 16.013, 12.879

Previews

White Background



This preview shows how the CIELCh color 74, 29.034, 185.286 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, 29.034, 185.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

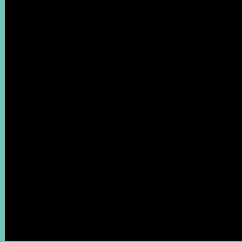
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

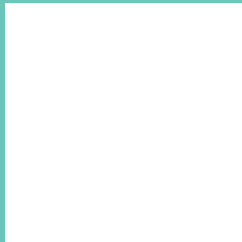
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 29.034, 185.286

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.034, 185.286.

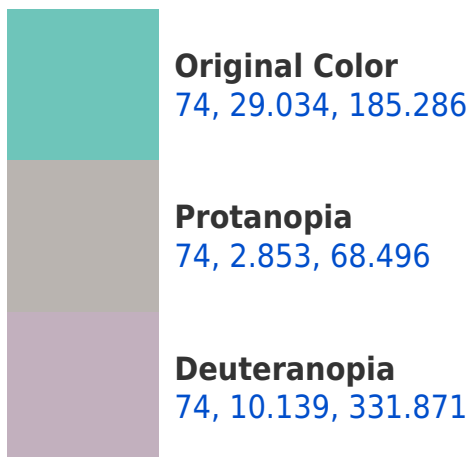


This preview shows how white text looks on a background with the CIELCh color 74, 29.034, 185.286.

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, 24.975, 218.260

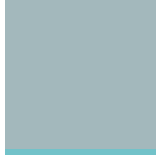
Trichromacy



Original Color
74, 29.034, 185.286



Protanomaly
73, 10.708, 180.853



Deuteranomaly
73, 7.767, 215.167

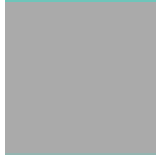


Tritanomaly
74, 25.304, 206.276

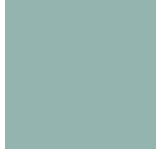
Monochromacy



Original Color
74, 29.034, 185.286



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 11.767, 187.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.034, 185.286 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(110, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(110, 197, 186)  
}
```

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(110, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 197, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.034, 185.286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

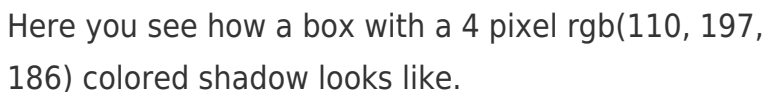
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 197, 186) }
```

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

```
.border{ border-color:rgb(110, 197, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 197, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 197, 186); box-shadow:4px 4px 4px 4px rgb(110, 197, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.034, 185.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 197, 186) }
```

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

```
.background{ background-color: rgb(110,  
197, 186) }
```

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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