

Converting Colors

CIELCh(74, 21.107, 205.017)

Have a look what the booklet for
CIELCh(74, 21.107, 205.017)
contains.

CIELCh(74, 21.090, 205.294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 21.090, 205.294)

Conversions

Conversions Part 1

Format	Color
Hex	81C1C6
RGB	129, 193, 198
RGB Percent	51%, 76%, 78%
CMY	0.4953, 0.2444, 0.2248
CMYK	0.35, 0.03, 0.00, 0.22
HSL	184°, 38%, 64%
HSV	184°, 35%, 78%
XYZ	38.1613, 46.7039, 60.2362
YIQ	174.4340, -39.7490, -12.0130

Conversions

Conversions Part 2

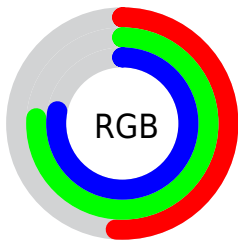
Format	Color
R_{YB}	129, 162, 198
Decimal	8503750
CIE _{Lab}	74.00, -19.07, -9.01
CIE _{LCh}	74, 21.090, 205.294
Yxy	46.7039, 0.2630, 0.3219
Android (android.graphics.Color)	4286693830 (0xFF81C1C6)
YUV	174.4340, 11.6180, -39.8456
Hunter-Lab	68.3403, -19.9208, -4.4210

Details

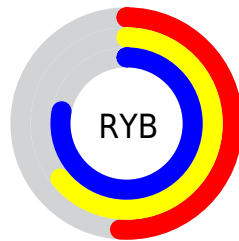
The CIELCh color **74, 21.090, 205.294** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 27.099, 27.953**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.295, 205.111**, and **54, 21.122, 205.367** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.879, 205.339**, and if you desaturate by 10%, it is **75, 15.653, 205.368**.

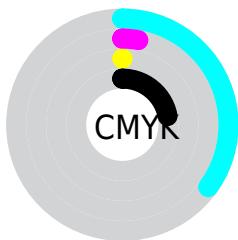
Distribution



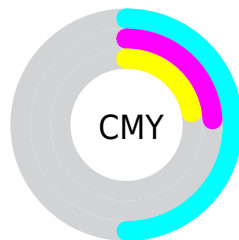
- Red (51%)
- Green (76%)
- Blue (78%)



- Red (51%)
- Yellow (64%)
- Blue (78%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (24%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.090, 205.294 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, 21.090, 205.294 by changing the saturation by 10% instead.

 74, 21.090,
205.294

 74, 21.090,
205.294

 100, 21.090,
205.294

 64, 21.090,
205.294


 94, 21.090,
205.294

 54, 21.090,
205.294

 44, 21.090,
205.294

 34, 21.090,
205.294

 24, 21.090,
205.294

 14, 21.090,
205.294

 4, 21.090, 205.294

0, 21.090, 205.294

74, 21.090,
205.294

74, 21.090,
205.294

73, 25.879,
205.339

75, 15.653,
205.368

72, 29.918,
205.535

77, 9.677, 205.557

71, 33.128,
205.903

79, 3.268, 205.917

81, 3.474, 25.901

70, 35.463,
206.470

83, 10.463, 26.366

69, 36.929,
207.258

85, 17.625, 26.783

86, 20.180, 28.282

68, 37.593,
208.287

86, 19.766, 30.544

■ 68, 37.751,
208.872

■ 87, 19.384, 32.900

Harmonies

Complementary

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



74, 21.090, 205.294



62, 27.099, 27.953

Rectangle

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



74, 21.090, 205.294



74, 21.090, 255.294



74, 21.090, 25.294



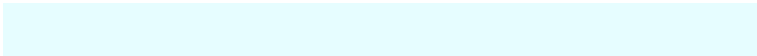
74, 21.090, 75.294

Sweetspot

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



74, 21.090, 205.291



98, 8.092, 205.692



74, 43.224, 143.704



52, 5.500, 205.648



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, 21.090, 205.291



92, 30.108, 205.316



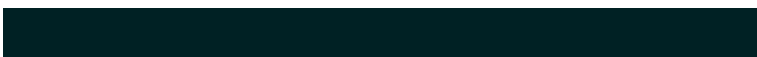
64, 23.443, 268.056



41, 3.758, 205.718



57, 32.780, 208.682



11, 12.064, 205.754

Inverse Universe

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



63, 43.036, 328.426



76, 63.132, 328.853



71, 24.840, 77.727



39, 7.026, 326.958



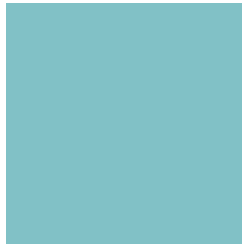
38, 78.230, 331.311



4, 25.128, 329.515

Previews

White Background



This preview shows how the CIELCh color 74, 21.090, 205.294 looks on a white background.

Color Contrast Check

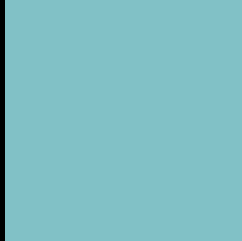
Large Text (above 18pt) WCAG AA × Fail

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, 21.090, 205.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

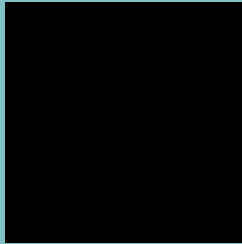
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

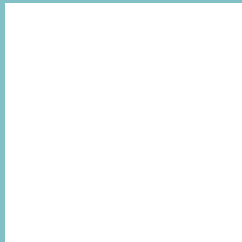
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 21.090, 205.294

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.090, 205.294.



This preview shows how white text looks on a background with the CIELCh color 74, 21.090, 205.294.

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, 21.090, 205.294

Protanopia

74, 5.485, 298.352

Deuteranopia

74, 14.416, 310.307



Tritanopia
74, 20.837, 222.867

Trichromacy



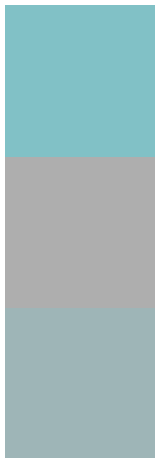
Original Color
74, 21.090, 205.294

Protanomaly
74, 8.801, 228.519

Deuteranomaly
73, 10.955, 262.526

Tritanomaly
74, 20.854, 216.294

Monochromacy



Original Color
74, 21.090, 205.294

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.306, 206.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.090, 205.294 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(129, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(129, 193, 198)  
}
```

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(129, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 193, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.090, 205.294 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(129, 193, 198) }
```

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

```
.border{ border-color:rgb(129, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(129, 193,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.090, 205.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 193, 198) }
```

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

```
.background{ background-color: rgb(129,  
193, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor