

Converting Colors

CIELCh(74, 17.805, 227.582)

Have a look what the booklet for
CIELCh(74, 17.805, 227.582)
contains.

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Color

CIELCh(74, 17.770, 227.753)

Conversions

Conversions Part 1

Format	Color
Hex	8DBDCD
RGB	141, 189, 205
RGB Percent	55%, 74%, 80%
CMY	0.4454, 0.2572, 0.1944
CMYK	0.31, 0.08, 0.00, 0.19
HSL	195°, 39%, 68%
HSV	195°, 31%, 81%
XYZ	40.4144, 46.7039, 64.9126
YIQ	176.4720, -33.7440, -5.2000

Conversions

Conversions Part 2

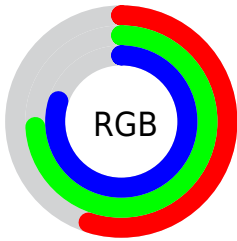
Format	Color
RYB	141, 168, 205
Decimal	9289165
CIELab	74.00, -11.95, -13.15
CIELCh	74, 17.770, 227.753
Yxy	46.7039, 0.2658, 0.3072
Android (android.graphics.Color)	4287479245 (0xFF8DBDCD)
YUV	176.4720, 14.0643, -31.1089
Hunter-Lab	68.3403, -14.0360, -8.4781

Details

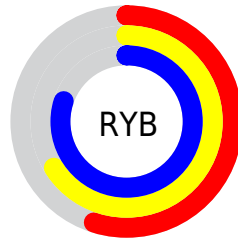
The CIELCh color **74, 17.770, 227.753** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 21.818, 44.364**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.673, 216.586**, and **54, 17.883, 227.233** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.604, 229.009**, and if you desaturate by 10%, it is **77, 12.455, 226.793**.

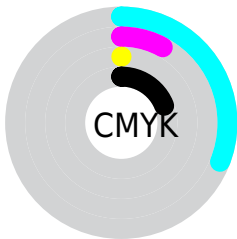
Distribution



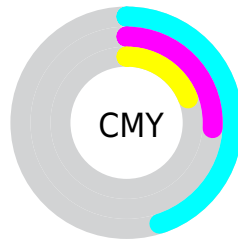
- Red (55%)
- Green (74%)
- Blue (80%)



- Red (55%)
- Yellow (66%)
- Blue (80%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)





- Cyan (45%)
- Magenta (26%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.770, 227.753 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, 17.770, 227.753 by changing the saturation by 10% instead.


 74, 17.770,
227.753


 74, 17.770,
227.753


 100, 17.770,
227.753


 64, 17.770,
227.753


 94, 17.770,
227.753

 54, 17.770,
227.753

 44, 17.770,
227.753

 34, 17.770,
227.753

 24, 17.770,
227.753

 14, 17.770,
227.753

 4, 17.770, 227.753

0, 17.770, 227.753

74, 17.770,
227.753

74, 17.770,
227.753

71, 22.604,
229.009

77, 12.455,
226.793

69, 26.876,
230.644

79, 6.745, 226.097

67, 30.521,
232.741

82, 0.719, 226.217

85, 5.553, 44.968

65, 33.505,
235.391

88, 12.009, 44.729

63, 35.846,
238.680

90, 15.247, 50.159

92, 15.243, 62.156

61, 37.634,
242.657

93, 15.900, 73.616

■ 59, 38.951,
246.618

■ 94, 17.135, 83.749

Harmonies

Complementary

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



74, 17.770, 227.753



69, 21.818, 44.364

Rectangle

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



74, 17.770, 227.753



74, 17.770, 277.753



74, 17.770, 47.753



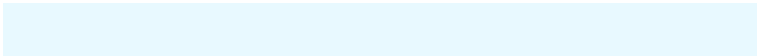
74, 17.770, 97.753

Sweetspot

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



74, 17.770, 227.749



97, 6.515, 225.989



77, 34.931, 149.882



51, 4.511, 226.065



0, 0.000, 0.000



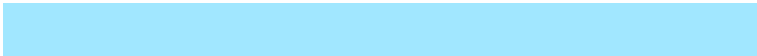
53, 0.007, 296.813

Same Dimension

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



74, 17.770, 227.749



88, 24.574, 228.504



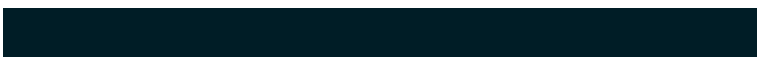
65, 26.993, 281.833



42, 3.424, 226.002



49, 33.068, 245.833



9, 11.799, 235.084

Inverse Universe

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



66, 35.179, 334.461



78, 49.596, 334.936



77, 26.397, 93.434



40, 6.331, 332.917



37, 69.237, 341.225



5, 23.665, 337.933

Previews

White Background



This preview shows how the CIELCh color 74, 17.770, 227.753 looks on a white background.

Color Contrast Check

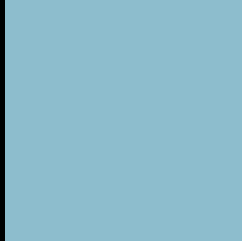
Large Text (above 18pt) WCAG AA × Fail

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, 17.770, 227.753 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, 17.770, 227.753

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.770, 227.753.



This preview shows how white text looks on a background with the CIELCh color 74, 17.770, 227.753.

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

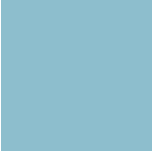
74, 17.770, 227.753

Protanopia

74, 10.302, 289.184

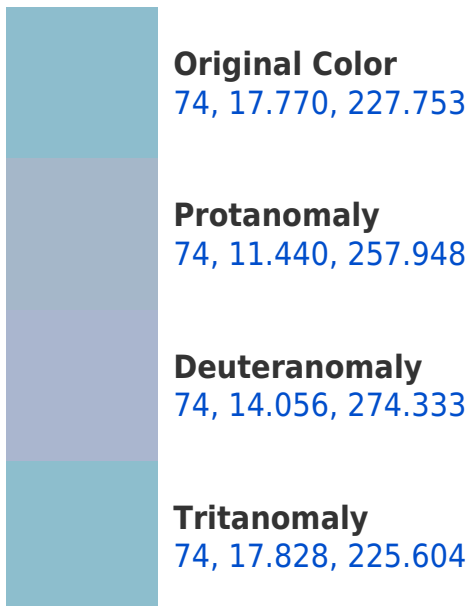
Deuteranopia

74, 17.174, 302.368



Tritanopia
74, 17.828, 225.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.770, 227.753 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(141, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(141, 189, 205)  
}
```

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(141, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 189, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.770, 227.753 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(141, 189, 205) }
```

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

```
.border{ border-color:rgb(141, 189, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(141, 189,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.770, 227.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 189, 205) }
```

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

```
.background{ background-color: rgb(141,  
189, 205) }
```

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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