

Converting Colors

CIELCh(74, 19.733, 244.540)

Have a look what the booklet for
CIELCh(74, 19.733, 244.540)
contains.

CIELCh(74, 19.630, 244.770)	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, 19.630, 244.770)

Conversions

Conversions Part 1

Format	Color
Hex	90BCD6
RGB	144, 188, 214
RGB Percent	56%, 74%, 84%
CMY	0.4356, 0.2631, 0.1611
CMYK	0.33, 0.12, 0.00, 0.16
HSL	202°, 46%, 70%
HSV	202°, 33%, 84%
XYZ	41.5798, 46.7039, 70.3849
YIQ	177.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

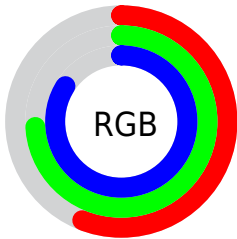
Format	Color
RYB	144, 171, 214
Decimal	9485526
CIELab	74.00, -8.37, -17.76
CIELCh	74, 19.630, 244.770
Yxy	46.7039, 0.2621, 0.2943
Android (android.graphics.Color)	4287675606 (0xFF90BCD6)
YUV	177.8080, 17.8427, -29.6496
Hunter-Lab	68.3403, -10.9920, -13.2257

Details

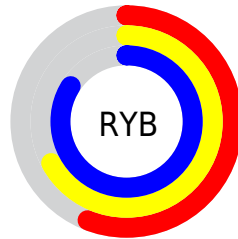
The CIELCh color **74, 19.630, 244.770** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73, 23.169, 57.466**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.656, 219.913**, and **54, 19.483, 244.028** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.999, 246.791**, and if you desaturate by 10%, it is **77, 13.924, 243.129**.

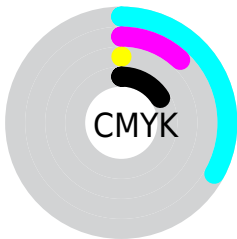
Distribution



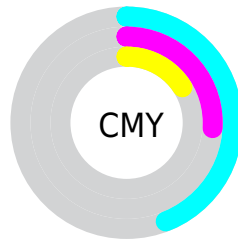
- Red (56%)
- Green (74%)
- Blue (84%)



- Red (56%)
- Yellow (67%)
- Blue (84%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (26%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.630, 244.770 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, 19.630, 244.770 by changing the saturation by 10% instead.


 74, 19.630,
244.770

 74, 19.630,
244.770


 100, 19.630,
244.770


 64, 19.630,
244.770


 94, 19.630,
244.770

 54, 19.630,
244.770

 44, 19.630,
244.770

 34, 19.630,
244.770

 24, 19.630,
244.770

 14, 19.630,
244.770

 4, 19.630, 244.770

0, 19.630, 244.770

74, 19.630,
244.770

74, 19.630,
244.770

71, 24.999,
246.791

77, 13.924,
243.129

67, 29.988,
249.279

81, 7.938, 241.816

64, 34.573,
252.313

85, 1.727, 240.945

88, 4.656, 59.664

61, 38.772,
255.958

92, 11.167, 58.988

58, 42.659,
260.233

94, 13.258, 76.271

96, 15.682, 93.227

56, 46.368,
265.073

98, 19.074,

■ 54, 49.096,
268.745

104.794

■ 99, 20.761,
108.606

Harmonies

Complementary

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



74, 19.630, 244.770



73, 23.169, 57.466

Rectangle

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



74, 19.630, 244.770



74, 19.630, 294.770



74, 19.630, 64.770



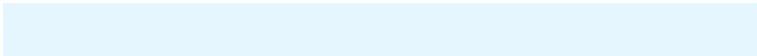
74, 19.630, 114.770

Sweetspot

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



74, 19.629, 244.767



96, 7.227, 241.524



80, 34.625, 154.281



51, 4.919, 241.679



0, 0.000, 0.000



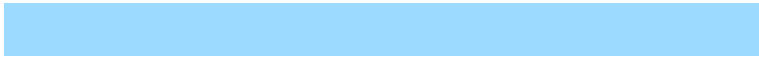
53, 0.007, 296.813

Same Dimension

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



74, 19.629, 244.767



84, 26.548, 246.069



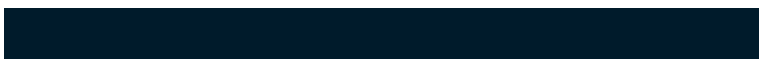
65, 33.808, 288.645



43, 3.565, 241.452



44, 41.060, 267.878



9, 14.268, 256.471

Inverse Universe

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



68, 35.150, 339.950



76, 48.143, 340.591



82, 31.971, 100.531



42, 6.045, 337.977



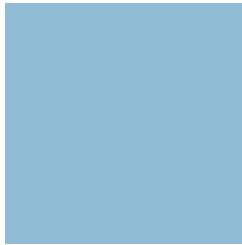
37, 65.693, 350.303



5, 25.230, 345.448

Previews

White Background



This preview shows how the CIE LCh color 74, 19.630, 244.770 looks on a white background.

Color Contrast Check

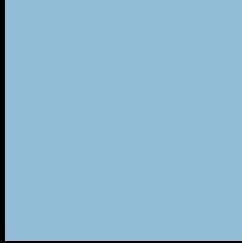
Large Text (above 18pt) WCAG AA × Fail

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, 19.630, 244.770 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, 19.630, 244.770

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.630, 244.770.



This preview shows how white text looks on a background with the CIELCh color 74, 19.630, 244.770.

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, 19.630, 244.770

Protanopia

74, 15.751, 286.628

Deuteranopia

74, 21.275, 296.788



Tritanopia
74, 17.511, 228.246

Trichromacy



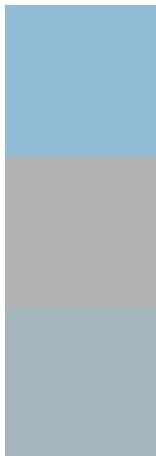
Original Color
74, 19.630, 244.770

Protanomaly
74, 16.288, 268.351

Deuteranomaly
74, 18.818, 278.460

Tritanomaly
74, 17.961, 233.634

Monochromacy



Original Color
74, 19.630, 244.770

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.420, 240.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.630, 244.770 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(144, 188, 214)` looks like.

```
.text, #text, p{  
    color:rgb(144, 188, 214)  
}
```

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(144, 188, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 188, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.630, 244.770 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(144, 188, 214) }
```

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

```
.border{ border-color:rgb(144, 188, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 188, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(144, 188,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.630, 244.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 188, 214) }
```

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

```
.background{ background-color: rgb(144,  
188, 214) }
```

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