

Converting Colors

CIELCh(74, 18.985, 248.250)

Have a look what the booklet for
CIELCh(74, 18.985, 248.250)
contains.

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Color

CIELCh(74, 19.202, 248.681)

Conversions

Conversions Part 1

Format	Color
Hex	93BBD6
RGB	147, 187, 214
RGB Percent	58%, 73%, 84%
CMY	0.4228, 0.2659, 0.1600
CMYK	0.31, 0.13, 0.00, 0.16
HSL	204°, 45%, 71%
HSV	204°, 31%, 84%
XYZ	42.0370, 46.7039, 70.5445
YIQ	178.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

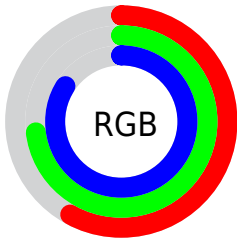
Format	Color
RYB	147, 172, 214
Decimal	9681878
CIELab	74.00, -6.98, -17.89
CIELCh	74, 19.202, 248.681
Yxy	46.7039, 0.2639, 0.2932
Android (android.graphics.Color)	4287871958 (0xFF93BBD6)
YUV	178.1180, 17.6898, -27.2905
Hunter-Lab	68.3403, -9.7977, -13.3642

Details

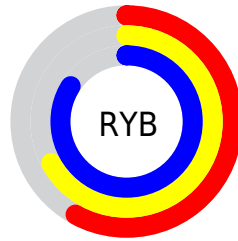
The CIELCh color **74, 19.202, 248.681** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 22.106, 61.084**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.687, 223.695**, and **54, 19.087, 248.009** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.833, 250.753**, and if you desaturate by 10%, it is **78, 13.291, 246.981**.

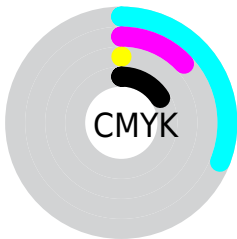
Distribution



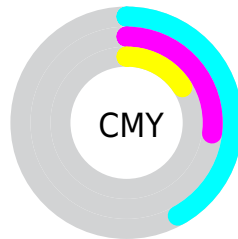
- Red (58%)
- Green (73%)
- Blue (84%)



- Red (58%)
- Yellow (67%)
- Blue (84%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (42%)
- Magenta (27%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.202, 248.681 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, 19.202, 248.681 by changing the saturation by 10% instead.


 74, 19.202,
248.681

 74, 19.202,
248.681


 100, 19.202,
248.681


 64, 19.202,
248.681


 94, 19.202,
248.681

 54, 19.202,
248.681

 44, 19.202,
248.681

 34, 19.202,
248.681

 24, 19.202,
248.681

 14, 19.202,
248.681

 4, 19.202, 248.681

0, 19.202, 248.681

74, 19.202,
248.681

74, 19.202,
248.681

70, 24.833,
250.753

78, 13.291,
246.981

67, 30.149,
253.281

81, 7.151, 245.609

64, 35.132,
256.337

85, 0.828, 244.949

89, 5.633, 63.346

60, 39.804,
259.976

93, 12.192, 62.589

57, 44.236,
264.210

95, 14.007, 84.004

97, 17.199, 99.688

54, 48.554,
268.966

99, 20.623,

■ 52, 52.385,
273.295

108.616

Harmonies

Complementary

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



74, 19.202, 248.681



74, 22.106, 61.084

Rectangle

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



74, 19.202, 248.681



74, 19.202, 298.681



74, 19.202, 68.681



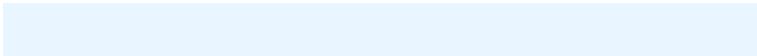
74, 19.202, 118.681

Sweetspot

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



74, 19.201, 248.678



96, 6.591, 245.352



80, 32.309, 155.889



51, 4.571, 245.522



0, 0.000, 0.000



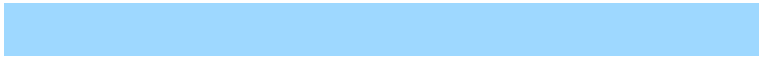
53, 0.007, 296.813

Same Dimension

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



74, 19.201, 248.678



84, 26.496, 250.107



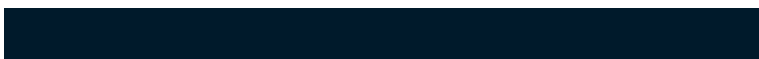
65, 33.543, 289.968



43, 3.606, 245.390



42, 43.706, 272.443



8, 14.896, 261.152

Inverse Universe

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



69, 32.959, 341.372



76, 46.006, 342.085



83, 31.598, 102.477



42, 5.911, 339.447



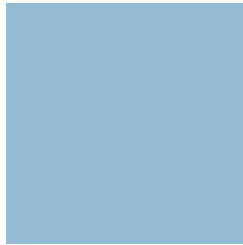
37, 64.715, 352.956



5, 24.741, 347.551

Previews

White Background



This preview shows how the CIELCh color 74, 19.202, 248.681 looks on a white background.

Color Contrast Check

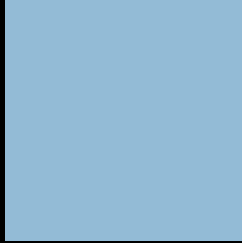
Large Text (above 18pt) WCAG AA × Fail

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, 19.202, 248.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

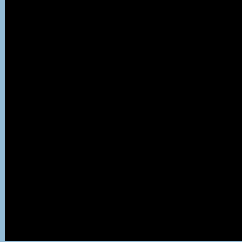
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.202, 248.681

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.202, 248.681.



This preview shows how white text looks on a background with the CIELCh color 74, 19.202, 248.681.

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, 19.202, 248.681

Protanopia

74, 15.751, 286.628

Deuteranopia

74, 21.275, 296.788



Tritanopia
74, 16.514, 228.086

Trichromacy



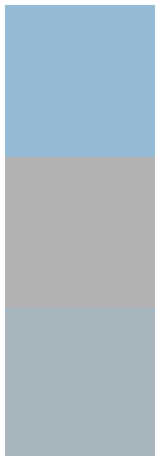
Original Color
74, 19.202, 248.681

Protanomaly
74, 16.060, 270.541

Deuteranomaly
74, 18.753, 279.448

Tritanomaly
74, 17.286, 237.619

Monochromacy



Original Color
74, 19.202, 248.681

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.293, 247.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.202, 248.681 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(147, 187, 214)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 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(147, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.202, 248.681 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(147, 187, 214) }
```

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

```
.border{ border-color:rgb(147, 187, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 214);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.202, 248.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 214) }
```

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

```
.background{ background-color: rgb(147,  
187, 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](#).

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