

Converting Colors

CIELCh(74, 17.405, 256.546)

Have a look what the booklet for
CIELCh(74, 17.405, 256.546)
contains.

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Color

CIELCh(74, 17.561, 255.651)

Conversions

Conversions Part 1

Format	Color
Hex	9BBAD5
RGB	155, 186, 213
RGB Percent	61%, 73%, 84%
CMY	0.3934, 0.2719, 0.1660
CMYK	0.27, 0.13, 0.00, 0.17
HSL	208°, 41%, 72%
HSV	208°, 27%, 83%
XYZ	42.9134, 46.7039, 69.4801
YIQ	179.8090, -27.1430, 1.8250

Conversions

Conversions Part 2

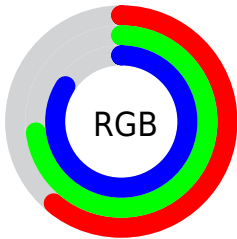
Format	Color
RYB	155, 175, 213
Decimal	10205909
CIELab	74.00, -4.35, -17.01
CIElCh	74, 17.561, 255.651
Yxy	46.7039, 0.2697, 0.2936
Android (android.graphics.Color)	4288395989 (0xFF9BBAD5)
YUV	179.8090, 16.3632, -21.7575
Hunter-Lab	68.3403, -7.5088, -12.4407

Details

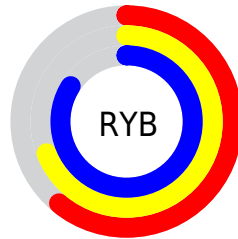
The CIELCh color $74, 17.561, 255.651$ is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be $76, 19.232, 68.357$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.421, 231.632$, and $54, 17.466, 254.842$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.729, 257.697$, and if you desaturate by 10%, it is $78, 11.228, 253.946$.

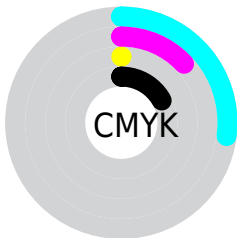
Distribution



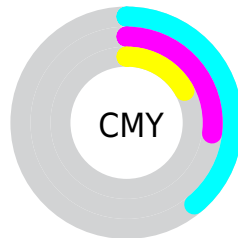
- Red (61%)
- Green (73%)
- Blue (84%)



- Red (61%)
- Yellow (69%)
- Blue (84%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)





- Cyan (39%)
- Magenta (27%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.561, 255.651 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, 17.561, 255.651 by changing the saturation by 10% instead.


 74, 17.561,
255.651


 74, 17.561,
255.651


 100, 17.561,
255.651


 64, 17.561,
255.651


 94, 17.561,
255.651

 54, 17.561,
255.651

 44, 17.561,
255.651

 34, 17.561,
255.651

 24, 17.561,
255.651

 14, 17.561,
255.651

 4, 17.561, 255.651

0, 17.561, 255.651

74, 17.561,
255.651

74, 17.561,
255.651

70, 23.729,
257.697

78, 11.228,
253.946

66, 29.710,
260.157

82, 4.765, 252.563

62, 35.494,
263.090

86, 1.794, 71.040

90, 8.418, 70.202

59, 41.102,
266.545

94, 13.713, 76.618

55, 46.593,
270.527

97, 16.900, 96.253

99, 21.372,
108.522

52, 52.071,
274.972

■ 49, 57.663,
279.697

■ 99, 21.390,
108.558

■ 48, 59.243,
280.938

Harmonies

Complementary

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



74, 17.561, 255.651



76, 19.232, 68.357

Rectangle

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



74, 17.561, 255.651



74, 17.561, 305.651



74, 17.561, 75.651



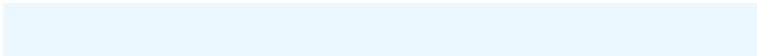
74, 17.561, 125.651

Sweetspot

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



74, 17.560, 255.647



96, 6.075, 252.662



81, 26.983, 158.645



51, 4.312, 252.854



0, 0.000, 0.000



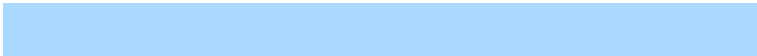
53, 0.007, 296.813

Same Dimension

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



74, 17.560, 255.647



84, 24.461, 256.847



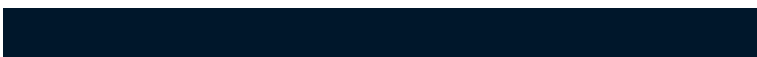
67, 30.504, 291.490



43, 3.737, 252.831



39, 49.612, 280.164



7, 16.343, 269.297

Inverse Universe

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



70, 27.424, 344.229



79, 38.498, 344.873



83, 28.771, 105.345



42, 5.661, 342.552



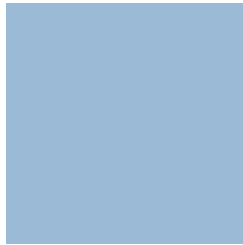
37, 63.285, 358.509



5, 23.907, 351.907

Previews

White Background



This preview shows how the CIELCh color 74, 17.561, 255.651 looks on a white background.

Color Contrast Check

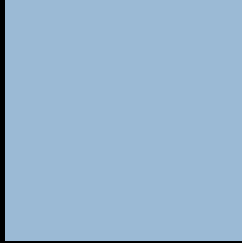
Large Text (above 18pt) WCAG AA × Fail

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, 17.561, 255.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

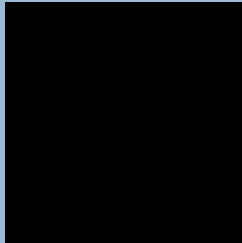
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

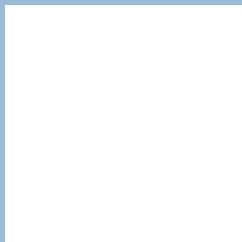
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 17.561, 255.651

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.561, 255.651.



This preview shows how white text looks on a background with the CIELCh color 74, 17.561, 255.651.

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, 17.561, 255.651

Protanopia

74, 15.751, 286.628

Deuteranopia

74, 20.232, 297.937



Tritanopia

74, 14.166, 233.851

Trichromacy



Original Color
74, 17.561, 255.651

Protanomaly
74, 15.775, 273.978

Deuteranomaly
74, 18.526, 284.535

Tritanomaly
74, 15.120, 241.867

Monochromacy



Original Color
74, 17.561, 255.651

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.639, 254.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.561, 255.651 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(155, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 213)  
}
```

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(155, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.561, 255.651 is called "border". The border property can be set on classes, ids or directly on the HTML element.

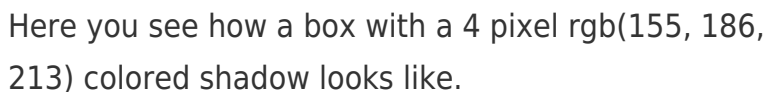
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 186, 213) }
```

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

```
.border{ border-color:rgb(155, 186, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 186, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 186, 213); box-shadow:4px 4px 4px 4px rgb(155, 186, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.561, 255.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 213) }
```

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

```
.background{ background-color: rgb(155,  
186, 213) }
```

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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