

Converting Colors

CIELCh(74, 12.596, 222.197)

Have a look what the booklet for
CIELCh(74, 12.596, 222.197)
contains.

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Color

CIELCh(74, 12.564, 221.531)

Conversions

Conversions Part 1

Format	Color
Hex	9ABCC5
RGB	154, 188, 197
RGB Percent	60%, 74%, 77%
CMY	0.3972, 0.2639, 0.2286
CMYK	0.22, 0.05, 0.00, 0.23
HSL	193°, 27%, 69%
HSV	193°, 22%, 77%
XYZ	41.2396, 46.7039, 59.4901
YIQ	178.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

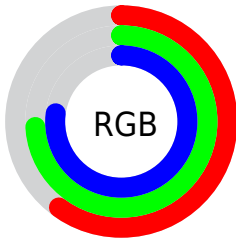
Format	Color
RYB	154, 173, 197
Decimal	10140869
CIELab	74.00, -9.41, -8.33
CIElCh	74, 12.564, 221.531
Yxy	46.7039, 0.2797, 0.3168
Android (android.graphics.Color)	4288330949 (0xFF9ABCC5)
YUV	178.8600, 8.9430, -21.8022
Hunter-Lab	68.3403, -11.8806, -3.7736

Details

The CIELCh color **74, 12.564, 221.531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 14.503, 40.140**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.613, 222.958**, and **54, 12.531, 220.078** is the 20% darker color. If you saturate the color by 10%, you get **72, 17.695, 222.237**, and if you desaturate by 10%, it is **76, 7.013, 221.038**.

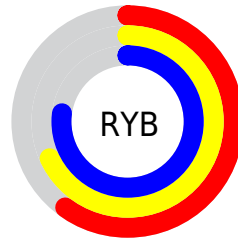
Distribution



Red (60%)

Green (74%)

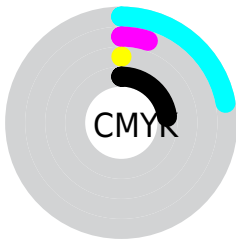
Blue (77%)



Red (60%)

Yellow (68%)

Blue (77%)

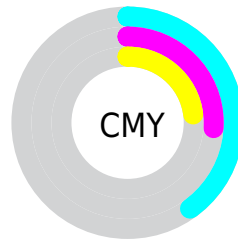


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (40%)


Magenta (26%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 12.564, 221.531 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, 12.564, 221.531 by changing the saturation by 10% instead.


 74, 12.564,
221.531


 74, 12.564,
221.531


 100, 12.564,
221.531


 64, 12.564,
221.531


 94, 12.564,
221.531

 54, 12.564,
221.531

 44, 12.564,
221.531

 34, 12.564,
221.531

 24, 12.564,
221.531

 14, 12.564,
221.531

 4, 12.564, 221.531

0, 12.564, 221.531

74, 12.564,
221.531

74, 12.564,
221.531

72, 17.695,
222.237

76, 7.013, 221.038

70, 22.315,
223.216

79, 1.125, 221.077

67, 26.338,
224.524

82, 5.025, 40.262

66, 29.692,
226.236

87, 17.860, 40.139

64, 32.333,
228.436

88, 18.325, 46.668

62, 34.268,
231.210

89, 18.055, 54.672

90, 18.151, 62.741

■ 61, 35.572,
234.619

■ 91, 18.606, 70.551

■ 60, 36.345,
237.771

Harmonies

Complementary

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



74, 12.564, 221.531



70, 14.503, 40.140

Rectangle

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



74, 12.564, 221.531



74, 12.564, 271.531



74, 12.564, 41.531



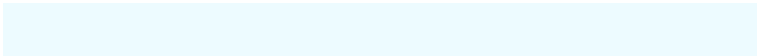
74, 12.564, 91.531

Sweetspot

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



74, 12.564, 221.524



98, 5.174, 220.899



76, 24.576, 148.986



52, 3.357, 220.911



0, 0.000, 0.000



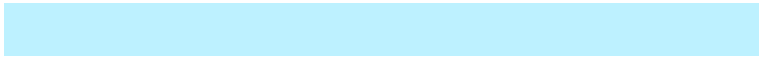
53, 0.007, 296.813

Same Dimension

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



74, 12.564, 221.524



92, 18.181, 221.819



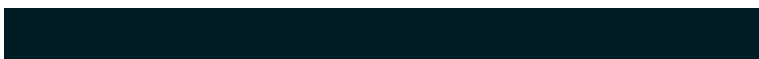
68, 17.021, 276.784



41, 3.406, 220.955



50, 31.588, 237.156



9, 11.145, 227.936

Inverse Universe

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



68, 24.518, 332.235



84, 36.020, 332.542



75, 16.961, 90.981



39, 6.383, 331.408



37, 70.487, 338.604



4, 22.264, 335.484

Previews

White Background



This preview shows how the CIELCh color 74, 12.564, 221.531 looks on a white background.

Color Contrast Check

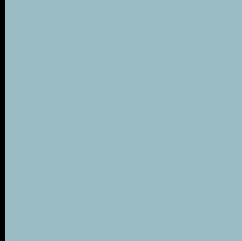
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 12.564, 221.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

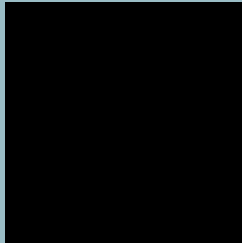
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

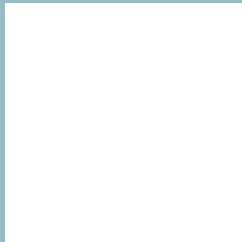
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.564, 221.531

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.564, 221.531.



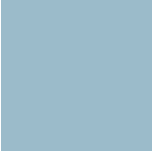
This preview shows how white text looks on a background with the CIELCh color 74, 12.564, 221.531.

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](#).

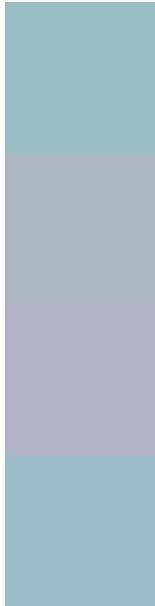
Dichromacy





Tritanopia
74, 13.395, 236.253

Trichromacy



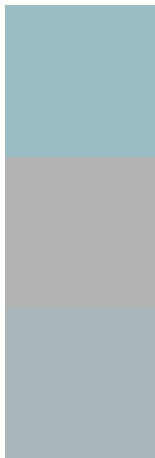
Original Color
74, 12.564, 221.531

Protanomaly
74, 7.063, 256.958

Deuteranomaly
74, 9.801, 284.861

Tritanomaly
74, 12.849, 232.096

Monochromacy



Original Color
74, 12.564, 221.531

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.628, 219.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.564, 221.531 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(154, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(154, 188, 197)  
}
```

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(154, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 188, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.564, 221.531 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(154, 188, 197) }
```

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

```
.border{ border-color:rgb(154, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(154, 188,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.564, 221.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 188, 197) }
```

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

```
.background{ background-color: rgb(154,  
188, 197) }
```

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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