

Converting Colors

CIELCh(74, 12.089, 228.366)

Have a look what the booklet for
CIELCh(74, 12.089, 228.366)
contains.

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Color

CIELCh(74, 12.089, 228.366)

Conversions

Conversions Part 1

Format	Color
Hex	9CBBC6
RGB	156, 187, 198
RGB Percent	61%, 73%, 78%
CMY	0.3881, 0.2665, 0.2234
CMYK	0.21, 0.06, 0.00, 0.22
HSL	196°, 27%, 69%
HSV	196°, 21%, 78%
XYZ	41.6902, 46.7039, 60.2631
YIQ	178.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

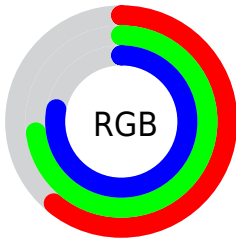
Format	Color
RYB	156, 174, 198
Decimal	10271686
CIELab	74.00, -8.03, -9.04
CIELCh	74, 12.089, 228.366
Yxy	46.7039, 0.2804, 0.3142
Android (android.graphics.Color)	4288461766 (0xFF9CBBC6)
YUV	178.9850, 9.3744, -20.1578
Hunter-Lab	68.3403, -10.7035, -4.4443

Details

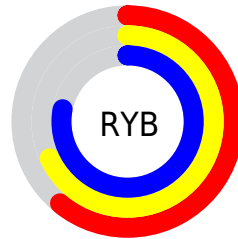
The CIELCh color **74, 12.089, 228.366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.775, 45.899**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.176, 229.471**, and **54, 12.022, 227.320** is the 20% darker color. If you saturate the color by 10%, you get **71, 17.250, 229.383**, and if you desaturate by 10%, it is **77, 6.556, 227.600**.

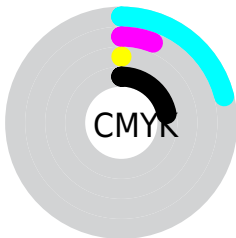
Distribution



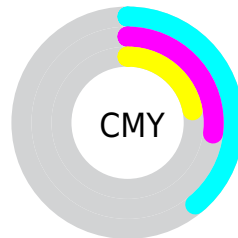
- Red (61%)
- Green (73%)
- Blue (78%)



- Red (61%)
- Yellow (68%)
- Blue (78%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)




- Cyan (39%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.089, 228.366 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, 12.089, 228.366 by changing the saturation by 10% instead.

 74, 12.089,
228.366

 74, 12.089,
228.366


 100, 12.089,
228.366

 64, 12.089,
228.366


 94, 12.089,
228.366

 54, 12.089,
228.366

 44, 12.089,
228.366

 34, 12.089,
228.366

 24, 12.089,
228.366

 14, 12.089,
228.366

 4, 12.089, 228.366

0, 12.089, 228.366

74, 12.089,
228.366

74, 12.089,
228.366

71, 17.250,
229.383

77, 6.556, 227.600

69, 21.959,
230.720

80, 0.725, 227.634

82, 5.337, 46.367

66, 26.142,
232.444

85, 11.574, 46.082

64, 29.738,
234.639

88, 17.919, 45.877

90, 17.603, 56.221

62, 32.717,
237.400

91, 17.881, 66.563

60, 35.101,
240.807

92, 18.722, 76.247

■ 58, 36.981,
244.904

■ 93, 20.050, 84.833

■ 57, 38.410,
248.928

Harmonies

Complementary

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



74, 12.089, 228.366



71, 13.775, 45.899

Rectangle

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



74, 12.089, 228.366



74, 12.089, 278.366



74, 12.089, 48.366



74, 12.089, 98.366

Sweetspot

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



74, 12.089, 228.359



98, 4.360, 227.335



76, 23.109, 150.801



52, 2.887, 227.362



0, 0.000, 0.000



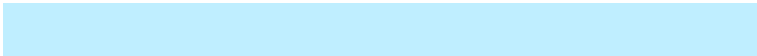
53, 0.007, 296.813

Same Dimension

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



74, 12.089, 228.359



92, 17.285, 228.751



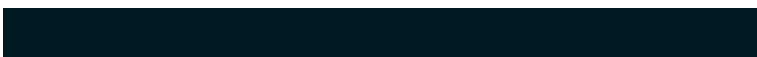
68, 17.606, 280.114



41, 3.343, 227.492



47, 33.124, 248.184



8, 11.172, 237.803

Inverse Universe

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



69, 23.056, 334.203



84, 33.392, 334.505



76, 17.358, 94.687



39, 6.148, 333.370



36, 67.909, 341.999



4, 21.254, 338.314

Previews

White Background



This preview shows how the CIELCh color 74, 12.089, 228.366 looks on a white background.

Color Contrast Check

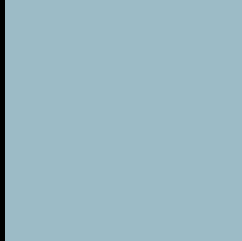
Large Text (above 18pt) WCAG AA × Fail

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, 12.089, 228.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

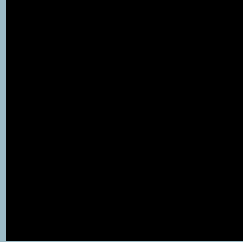
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

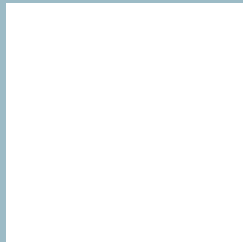
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.089, 228.366

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.089, 228.366.

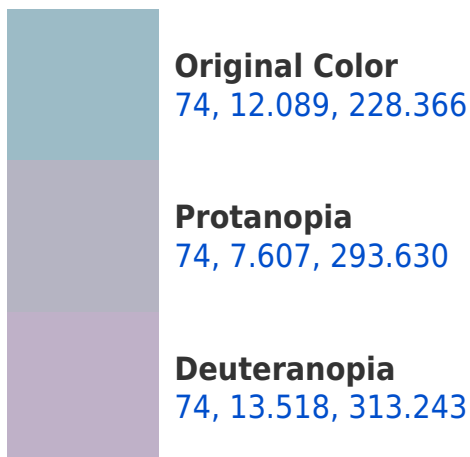


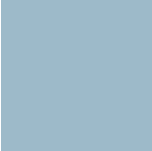
This preview shows how white text looks on a background with the CIELCh color 74, 12.089, 228.366.

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, 12.648, 238.983

Trichromacy



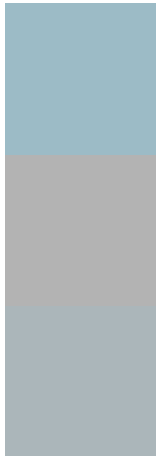
Original Color
74, 12.089, 228.366

Protanomaly
74, 7.513, 259.358

Deuteranomaly
74, 9.791, 284.855

Tritanomaly
74, 12.343, 236.893

Monochromacy



Original Color
74, 12.089, 228.366

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.510, 228.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.089, 228.366 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(156, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(156, 187, 198)  
}
```

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(156, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 187, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.089, 228.366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

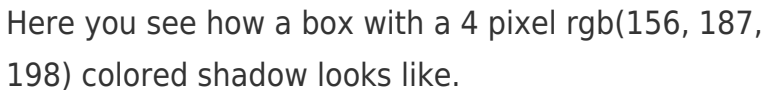
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 187, 198) }
```

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

```
.border{ border-color:rgb(156, 187, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 187, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 187, 198); box-shadow:4px 4px 4px 4px rgb(156, 187, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.089, 228.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 187, 198) }
```

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

```
.background{ background-color: rgb(156,  
187, 198) }
```

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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