

Converting Colors

CIELCh(74, 12.553, 237.966)

Have a look what the booklet for
CIELCh(74, 12.553, 237.966)
contains.

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Color

CIELCh(74, 12.648, 238.983)

Conversions

Conversions Part 1

Format	Color
Hex	9DBAC9
RGB	157, 186, 201
RGB Percent	62%, 73%, 79%
CMY	0.3829, 0.2692, 0.2104
CMYK	0.22, 0.07, 0.00, 0.21
HSL	200°, 29%, 70%
HSV	200°, 22%, 79%
XYZ	42.1907, 46.7039, 62.2713
YIQ	179.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

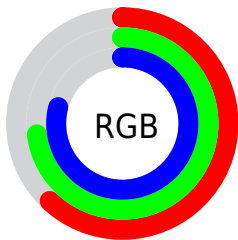
Format	Color
RYB	157, 174, 201
Decimal	10336969
CIELab	74.00, -6.52, -10.84
CIElCh	74, 12.648, 238.983
Yxy	46.7039, 0.2791, 0.3090
Android (android.graphics.Color)	4288527049 (0xFF9DBAC9)
YUV	179.0390, 10.8268, -19.3282
Hunter-Lab	68.3403, -9.3963, -6.1865

Details

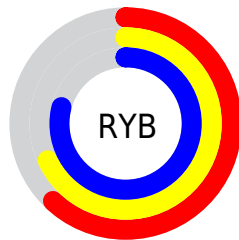
The CIELCh color $74, 12.648, 238.983$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 14.184, 54.874$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.889, 233.325$, and $54, 12.585, 238.799$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.995, 240.446$, and if you desaturate by 10%, it is $77, 7.003, 237.817$.

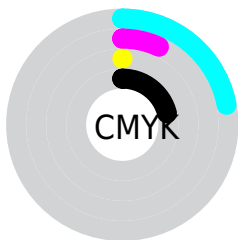
Distribution



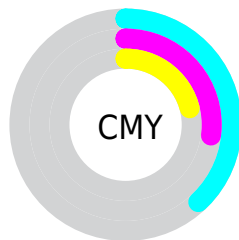
- Red (62%)
- Green (73%)
- Blue (79%)



- Red (62%)
- Yellow (68%)
- Blue (79%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (38%)
- Magenta (27%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.648, 238.983 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, 12.648, 238.983 by changing the saturation by 10% instead.

 74, 12.648,
238.983

 74, 12.648,
238.983


 100, 12.648,
238.983


 64, 12.648,
238.983


 94, 12.648,
238.983

 54, 12.648,
238.983

 44, 12.648,
238.983

 34, 12.648,
238.983

 24, 12.648,
238.983

 14, 12.648,
238.983

 4, 12.648, 238.983

0, 12.648, 238.983

74, 12.648,
238.983

74, 12.648,
238.983

71, 17.995,
240.446

77, 7.003, 237.817

80, 1.119, 237.222

68, 22.983,
242.284

84, 4.948, 55.915

65, 27.560,
244.568

87, 11.153, 55.341

62, 31.691,
247.383

90, 16.499, 57.135

92, 17.101, 71.516

59, 35.378,
250.809

94, 18.685, 84.114

57, 38.675,
254.889

95, 21.017, 94.256

■ 55, 41.701,
259.597

■ 97, 23.866,
102.104

■ 53, 44.130,
263.676

Harmonies

Complementary

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



74, 12.648, 238.983



73, 14.184, 54.874

Rectangle

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



74, 12.648, 238.983



74, 12.648, 288.983



74, 12.648, 58.983



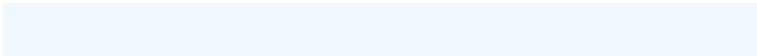
74, 12.648, 108.983

Sweetspot

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



74, 12.648, 238.976



97, 5.052, 237.380



77, 22.674, 153.970



52, 3.279, 237.430



0, 0.000, 0.000



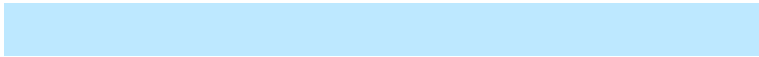
53, 0.007, 296.813

Same Dimension

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



74, 12.648, 238.976



90, 18.036, 239.597



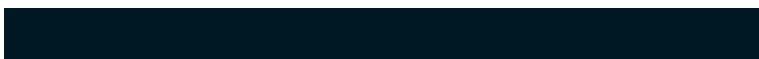
68, 20.294, 285.144



40, 3.331, 237.577



43, 37.402, 262.817



7, 11.746, 251.479

Inverse Universe

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



70, 22.801, 337.588



84, 32.890, 337.956



78, 19.699, 99.887



39, 5.811, 336.615



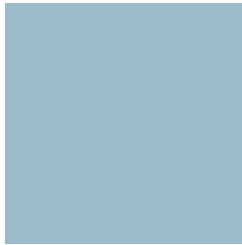
36, 64.609, 347.761



4, 19.884, 343.105

Previews

White Background



This preview shows how the CIELCh color 74, 12.648, 238.983 looks on a white background.

Color Contrast Check

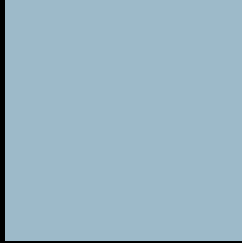
Large Text (above 18pt) WCAG AA × Fail

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, 12.648, 238.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

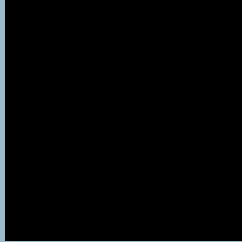
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

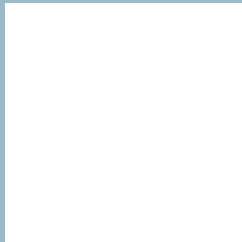
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.648, 238.983

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.648, 238.983.



This preview shows how white text looks on a background with the CIELCh color 74, 12.648, 238.983.

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, 12.648, 238.983

Protanopia
74, 9.760, 291.112

Deuteranopia
74, 14.804, 308.312



Tritanopia

74, 12.648, 238.983

Trichromacy



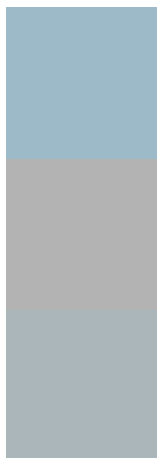
Original Color
74, 12.648, 238.983

Protanomaly
74, 9.786, 269.925

Deuteranomaly
74, 11.955, 286.243

Tritanomaly
74, 12.648, 238.983

Monochromacy



Original Color
74, 12.648, 238.983

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.777, 233.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.648, 238.983 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(157, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 186, 201)  
}
```

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(157, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 186, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.648, 238.983 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(157, 186, 201) }
```

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

```
.border{ border-color:rgb(157, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(157, 186,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.648, 238.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 186, 201) }
```

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

```
.background{ background-color: rgb(157,  
186, 201) }
```

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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