

Converting Colors

CIELCh(74, 12.967, 240.975)

Have a look what the booklet for
CIELCh(74, 12.967, 240.975)
contains.

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Color

CIELCh(74, 12.967, 240.975)

Conversions

Conversions Part 1

Format	Color
Hex	9DBACA
RGB	157, 186, 202
RGB Percent	62%, 73%, 79%
CMY	0.3833, 0.2695, 0.2068
CMYK	0.22, 0.08, 0.00, 0.21
HSL	201°, 30%, 70%
HSV	201°, 22%, 79%
XYZ	42.2657, 46.7039, 62.8344
YIQ	179.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

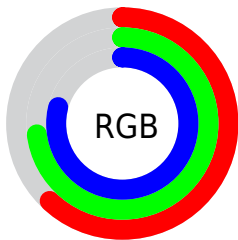
Format	Color
R_{YB}	157, 175, 202
Decimal	10336970
CIE _{Lab}	74.00, -6.29, -11.34
CIE _{LCh}	74, 12.967, 240.975
Yxy	46.7039, 0.2784, 0.3077
Android (android.graphics.Color)	4288527050 (0xFF9DBACA)
YUV	179.1530, 11.2636, -19.4282
Hunter-Lab	68.3403, -9.2003, -6.6751

Details

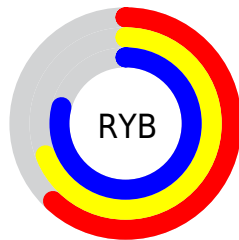
The CIELCh color $74, 12.967, 240.975$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 14.507, 56.530$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.889, 233.325$, and $54, 12.917, 240.974$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.371, 242.517$, and if you desaturate by 10%, it is $77, 7.278, 239.737$.

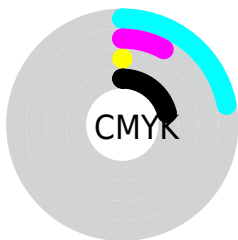
Distribution



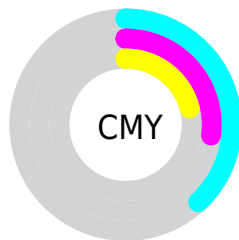
- Red (62%)
- Green (73%)
- Blue (79%)



- Red (62%)
- Yellow (69%)
- Blue (79%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 12.967, 240.975 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, 12.967, 240.975 by changing the saturation by 10% instead.


 74, 12.967,
240.975


 74, 12.967,
240.975


 100, 12.967,
240.975


 64, 12.967,
240.975


 94, 12.967,
240.975

 54, 12.967,
240.975

 44, 12.967,
240.975

 34, 12.967,
240.975

 24, 12.967,
240.975

 14, 12.967,
240.975

 4, 12.967, 240.975

0, 12.967, 240.975

74, 12.967,
240.975

74, 12.967,
240.975

71, 18.371,
242.517

77, 7.278, 239.737

68, 23.436,
244.441

81, 1.362, 239.000

65, 28.111,
246.819

84, 4.729, 57.716

62, 32.368,
249.734

88, 10.951, 57.092

59, 36.216,
253.259

91, 16.217, 59.287

56, 39.717,
257.426

92, 17.049, 74.387

94, 18.927, 87.203

96, 21.565, 97.214

■ 54, 42.994,
262.193

■ 98, 24.704,
104.785

■ 52, 45.530,
266.082

Harmonies

Complementary

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



74, 12.967, 240.975



73, 14.507, 56.530

Rectangle

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



74, 12.967, 240.975



74, 12.967, 290.975



74, 12.967, 60.975



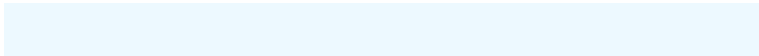
74, 12.967, 110.975

Sweetspot

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



74, 12.966, 240.968



97, 5.064, 239.230



78, 22.873, 154.626



52, 3.287, 239.284



0, 0.000, 0.000



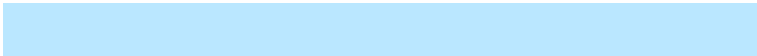
53, 0.007, 296.813

Same Dimension

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



74, 12.966, 240.968



89, 18.778, 241.718



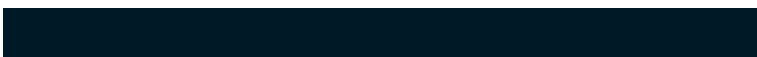
68, 21.151, 286.084



41, 3.410, 239.443



43, 38.894, 265.277



7, 12.692, 253.662

Inverse Universe

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



70, 23.066, 338.283



83, 33.820, 338.713



79, 20.464, 100.794



40, 5.872, 337.261



36, 64.806, 348.950



4, 21.786, 344.249

Previews

White Background



This preview shows how the CIE LCh color 74, 12.967, 240.975 looks on a white background.

Color Contrast Check

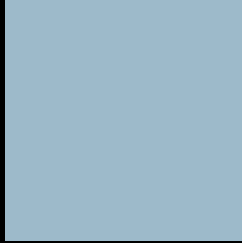
Large Text (above 18pt) WCAG AA × Fail

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, 12.967, 240.975 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

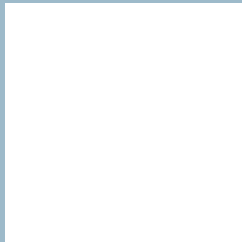
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.967, 240.975

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.967, 240.975.



This preview shows how white text looks on a background with the CIELCh color 74, 12.967, 240.975.

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

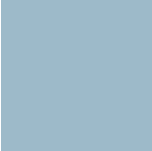
74, 12.967, 240.975

Protanopia

74, 10.302, 291.163

Deuteranopia

74, 15.322, 307.739



Tritanopia
74, 12.648, 238.983

Trichromacy



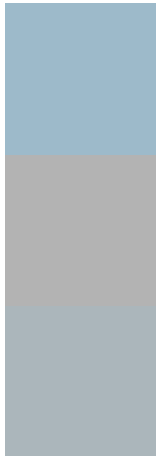
Original Color
74, 12.967, 240.975

Protanomaly
74, 10.289, 271.105

Deuteranomaly
74, 12.494, 286.524

Tritanomaly
74, 12.648, 238.983

Monochromacy



Original Color
74, 12.967, 240.975

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, 12.967, 240.975 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(157, 186, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 186, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.967, 240.975 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, 202) }
```

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

```
.border{ border-color:rgb(157, 186, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(157, 186,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.967, 240.975 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, 202) }
```

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

```
.background{ background-color: rgb(157,  
186, 202) }
```

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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