

Converting Colors

CIELCh(74, 13.248, 269.937)

Have a look what the booklet for
CIELCh(74, 13.248, 269.937)
contains.

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Color

CIELCh(74, 13.235, 269.924)

Conversions

Conversions Part 1

Format	Color
Hex	A9B7CE
RGB	169, 183, 206
RGB Percent	66%, 72%, 81%
CMY	0.3376, 0.2827, 0.1925
CMYK	0.18, 0.11, 0.00, 0.19
HSL	217°, 27%, 73%
HSV	217°, 18%, 81%
XYZ	44.3847, 46.7039, 65.0060
YIQ	181.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

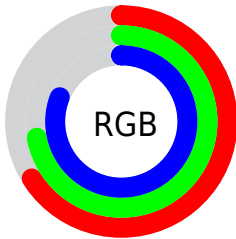
Format	Color
R_{YB}	169, 179, 206
Decimal	11122638
CIE _{Lab}	74.00, -0.02, -13.23
CIE _{LCh}	74, 13.235, 269.924
Yxy	46.7039, 0.2843, 0.2992
Android (android.graphics.Color)	4289312718 (0xFFA9B7CE)
YUV	181.4360, 12.1101, -10.9064
Hunter-Lab	68.3403, -3.6659, -8.5591

Details

The CIELCh color $74, 13.235, 269.924$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 13.417, 85.036$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.414, 260.592$, and $54, 13.493, 269.883$ is the 20% darker color. If you saturate the color by 10%, you get $69, 20.694, 271.676$, and if you desaturate by 10%, it is $79, 5.844, 268.438$.

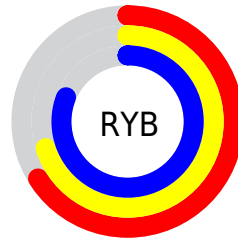
Distribution



Red (66%)

Green (72%)

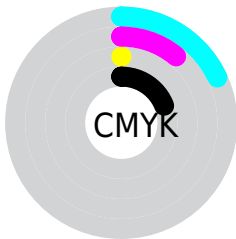
Blue (81%)



Red (66%)

Yellow (70%)

Blue (81%)

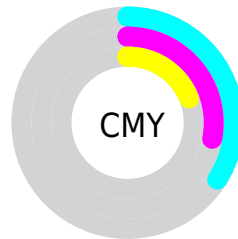


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (19%)



Cyan (34%)


Magenta (28%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 13.235, 269.924 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, 13.235, 269.924 by changing the saturation by 10% instead.


 74, 13.235,
269.924

 74, 13.235,
269.924


 100, 13.235,
269.924


 64, 13.235,
269.924


 94, 13.235,
269.924

 54, 13.235,
269.924

 44, 13.235,
269.924

 34, 13.235,
269.924

 24, 13.235,
269.924

 14, 13.235,
269.924

 4, 13.235, 269.924

74, 13.235,
269.924

74, 13.235,
269.924

69, 20.694,
271.676

79, 5.844, 268.438

64, 28.224,
273.742

84, 1.472, 86.908

60, 35.834,
276.162

89, 8.707, 85.951

55, 43.549,
278.973

93, 15.854, 84.997

50, 51.409,
282.186

97, 21.046,
100.250

46, 59.460,
285.762

99, 24.782,
108.298

■ 42, 67.721,
289.589

■ 38, 76.135,
293.443

■ 38, 77.857,
294.169

Harmonies

Complementary

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



74, 13.235, 269.924



78, 13.417, 85.036

Rectangle

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



74, 13.235, 269.924



74, 13.235, 319.924



74, 13.235, 89.924



74, 13.235, 139.924

Sweetspot

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



74, 13.234, 269.919



97, 4.359, 268.070



80, 15.367, 168.807



51, 2.974, 268.156



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, 13.234, 269.919



87, 19.313, 270.640



71, 20.345, 296.359



40, 4.131, 268.631



30, 65.179, 293.547



4, 17.408, 279.760

Inverse Universe

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



73, 15.913, 352.472



86, 23.313, 352.959



82, 19.541, 113.343



40, 4.919, 351.566



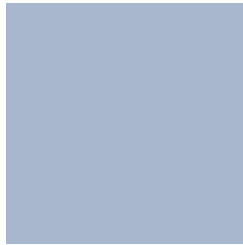
35, 61.638, 13.273



4, 18.952, 0.751

Previews

White Background



This preview shows how the CIELCh color 74, 13.235, 269.924 looks on a white background.

Color Contrast Check

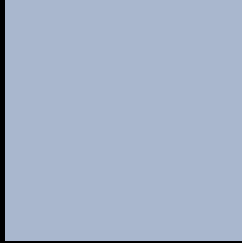
Large Text (above 18pt) WCAG AA × Fail

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, 13.235, 269.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

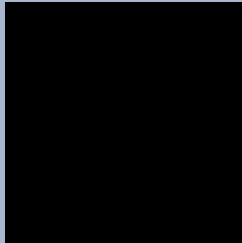
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.235, 269.924

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.235, 269.924.



This preview shows how white text looks on a background with the CIELCh color 74, 13.235, 269.924.

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, 13.235, 269.924

Protanopia

74, 13.016, 288.323

Deuteranopia

74, 16.716, 303.884



Tritanopia
74, 9.751, 255.787

Trichromacy



Original Color
74, 13.235, 269.924

Protanomaly
74, 13.125, 282.232

Deuteranomaly
74, 15.199, 292.937

Tritanomaly
74, 11.093, 260.930

Monochromacy



Original Color
74, 13.235, 269.924

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.669, 267.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.235, 269.924 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(169, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 206)  
}
```

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(169, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.235, 269.924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

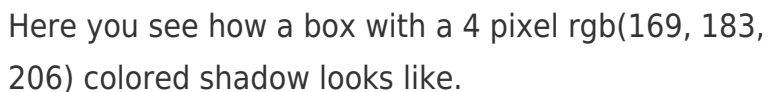
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 183, 206) }
```

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

```
.border{ border-color:rgb(169, 183, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.235, 269.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 206) }
```

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

```
.background{ background-color: rgb(169,  
183, 206) }
```

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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