

Converting Colors

CIELCh(74, 12.934, 262.530)

Have a look what the booklet for
CIELCh(74, 12.934, 262.530)
contains.

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Color

CIELCh(74, 12.793, 262.226)

Conversions

Conversions Part 1

Format	Color
Hex	A6B8CD
RGB	166, 184, 205
RGB Percent	65%, 72%, 80%
CMY	0.3496, 0.2790, 0.1967
CMYK	0.19, 0.10, 0.00, 0.20
HSL	212°, 28%, 73%
HSV	212°, 19%, 80%
XYZ	43.7993, 46.7039, 64.3602
YIQ	181.0120, -17.4690, 2.7150

Conversions

Conversions Part 2

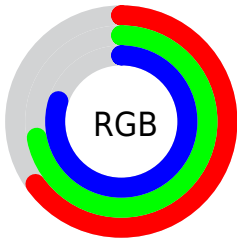
Format	Color
RYB	166, 178, 205
Decimal	10926285
CIELab	74.00, -1.73, -12.68
CIElCh	74, 12.793, 262.226
Yxy	46.7039, 0.2828, 0.3016
Android (android.graphics.Color)	4289116365 (0xFFA6B8CD)
YUV	181.0120, 11.8261, -13.1655
Hunter-Lab	68.3403, -5.1948, -7.9988

Details

The CIELCh color $74, 12.793, 262.226$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 13.286, 77.031$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.915, 250.535$, and $54, 12.856, 263.294$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.462, 264.033$, and if you desaturate by 10%, it is $78, 6.085, 260.707$.

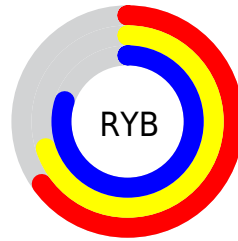
Distribution



Red (65%)

Green (72%)

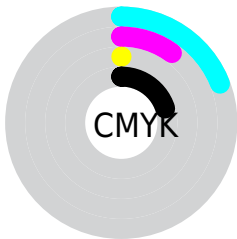
Blue (80%)



Red (65%)

Yellow (70%)

Blue (80%)

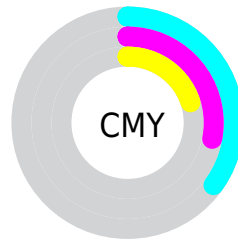


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (20%)



Cyan (35%)


Magenta (28%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 12.793, 262.226 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, 12.793, 262.226 by changing the saturation by 10% instead.

 74, 12.793,
262.226

 74, 12.793,
262.226


 100, 12.793,
262.226


 64, 12.793,
262.226


 94, 12.793,
262.226

 54, 12.793,
262.226

 44, 12.793,
262.226

 34, 12.793,
262.226

 24, 12.793,
262.226

 14, 12.793,
262.226

 4, 12.793, 262.226

0, 12.793, 262.226

74, 12.793,
262.226

74, 12.793,
262.226

70, 19.462,
264.033

78, 6.085, 260.707

65, 26.080,
266.183

83, 0.640, 78.801

61, 32.641,
268.725

87, 7.365, 78.169

57, 39.157,
271.706

92, 14.072, 77.223

53, 45.666,
275.150

95, 18.478, 89.725

49, 52.234,
279.029

98, 22.965,
103.735

99, 25.316,
108.257

■ 46, 58.937,
283.244

■ 42, 65.844,
287.545

■ 42, 66.525,
287.933

Harmonies

Complementary

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



74, 12.793, 262.226



77, 13.286, 77.031

Rectangle

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



74, 12.793, 262.226



74, 12.793, 312.226



74, 12.793, 82.226



74, 12.793, 132.226

Sweetspot

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



74, 12.792, 262.220



97, 4.830, 260.324



79, 17.212, 163.806



51, 3.203, 260.406



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, 12.792, 262.220



88, 18.443, 262.954



69, 21.444, 293.490



41, 3.807, 260.756



34, 55.955, 287.235



5, 15.871, 274.359

Inverse Universe

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



72, 17.643, 347.480



85, 25.566, 347.927



81, 20.527, 109.755



40, 5.179, 346.533



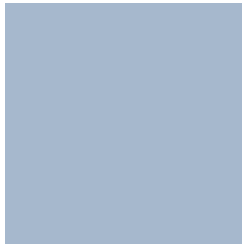
35, 61.172, 5.265



4, 19.562, 355.895

Previews

White Background



This preview shows how the CIELCh color 74, 12.793, 262.226 looks on a white background.

Color Contrast Check

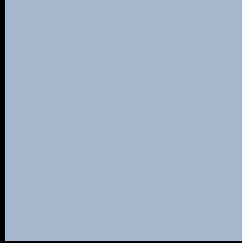
Large Text (above 18pt) WCAG AA × Fail

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, 12.793, 262.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

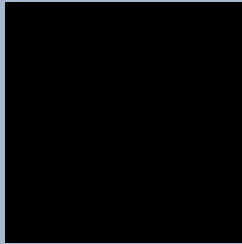
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

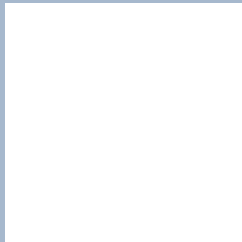
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.793, 262.226

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.793, 262.226.



This preview shows how white text looks on a background with the CIELCh color 74, 12.793, 262.226.

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, 12.793, 262.226

Protanopia

74, 12.467, 289.745

Deuteranopia

74, 16.271, 305.495



Tritanopia
74, 10.165, 247.450

Trichromacy



Original Color
74, 12.793, 262.226

Protanomaly
74, 12.647, 280.213

Deuteranomaly
74, 14.657, 292.939

Tritanomaly
74, 10.951, 251.561

Monochromacy



Original Color
74, 12.793, 262.226

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.980, 260.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.793, 262.226 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(166, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 205)  
}
```

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(166, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.793, 262.226 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(166, 184, 205) }
```

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

```
.border{ border-color:rgb(166, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(166, 184,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.793, 262.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 205) }
```

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

```
.background{ background-color: rgb(166,  
184, 205) }
```

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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