

Converting Colors

CIELCh(74, 11.303, 269.833)

Have a look what the booklet for
CIELCh(74, 11.303, 269.833)
contains.

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Color

CIELCh(74, 11.012, 268.743)

Conversions

Conversions Part 1

Format	Color
Hex	ABB7CA
RGB	171, 183, 202
RGB Percent	67%, 72%, 79%
CMY	0.3300, 0.2829, 0.2084
CMYK	0.15, 0.09, 0.00, 0.21
HSL	217°, 23%, 73%
HSV	217°, 15%, 79%
XYZ	44.3078, 46.7039, 62.4626
YIQ	181.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

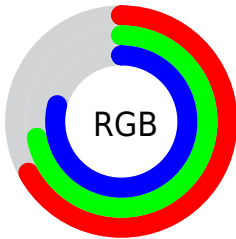
Format	Color
RYB	171, 180, 202
Decimal	11253706
CIELab	74.00, -0.24, -11.01
CIELCh	74, 11.012, 268.743
Yxy	46.7039, 0.2887, 0.3043
Android (android.graphics.Color)	4289443786 (0xFFABB7CA)
YUV	181.5780, 10.0680, -9.2769
Hunter-Lab	68.3403, -3.8666, -6.3525

Details

The CIELCh color `74, 11.012, 268.743` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 11.155, 84.600`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.111, 264.281`, and `54, 11.022, 270.032` is the 20% darker color. If you saturate the color by 10%, you get `69, 18.252, 270.421`, and if you desaturate by 10%, it is `79, 3.829, 267.335`.

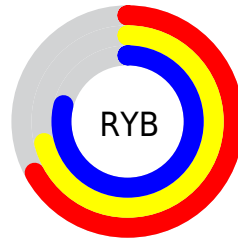
Distribution



Red (67%)

Green (72%)

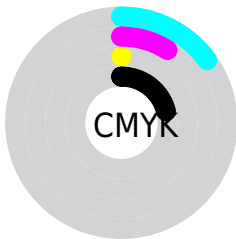
Blue (79%)



Red (67%)

Yellow (71%)

Blue (79%)

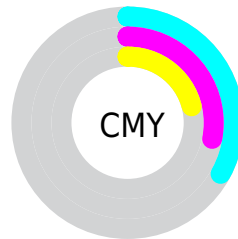


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (33%)


Magenta (28%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 11.012, 268.743 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, 11.012, 268.743 by changing the saturation by 10% instead.


 74, 11.012,
268.743


 74, 11.012,
268.743


 100, 11.012,
268.743


 64, 11.012,
268.743


 94, 11.012,
268.743


 54, 11.012,
268.743

 44, 11.012,
268.743

 34, 11.012,
268.743

 24, 11.012,
268.743

 14, 11.012,
268.743

 4, 11.012, 268.743

0, 11.012, 268.743

74, 11.012,
268.743

74, 11.012,
268.743

69, 18.252,
270.421

79, 3.829, 267.335

83, 3.288, 85.932

65, 25.550,
272.406

88, 10.331, 84.916

60, 32.909,
274.735

93, 17.293, 83.993

55, 40.349,
277.449

96, 22.145, 98.355

99, 26.810,
108.142

51, 47.903,
280.571

47, 55.621,
284.079

■ 43, 63.539,
287.885

■ 39, 71.639,
291.817

■ 37, 75.445,
293.542

Harmonies

Complementary

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



74, 11.012, 268.743



77, 11.155, 84.600

Rectangle

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



74, 11.012, 268.743



74, 11.012, 318.743



74, 11.012, 88.743



74, 11.012, 138.743

Sweetspot

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



74, 11.011, 268.736



97, 4.321, 267.301



79, 13.095, 168.046



51, 2.948, 267.387



0, 0.000, 0.000



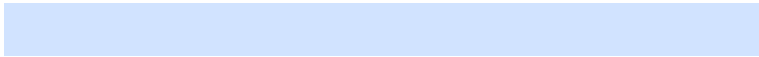
53, 0.007, 296.813

Same Dimension

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



74, 11.011, 268.736



90, 15.620, 269.195



71, 17.005, 295.488



40, 4.094, 267.863



30, 64.195, 292.963



4, 17.251, 279.273

Inverse Universe

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



73, 13.395, 351.629



88, 19.061, 351.940



80, 16.429, 112.864



40, 4.945, 351.012



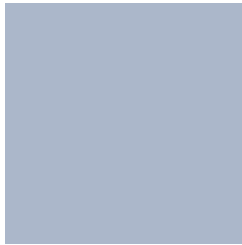
35, 61.523, 12.434



4, 19.006, 0.260

Previews

White Background



This preview shows how the CIELCh color 74, 11.012, 268.743 looks on a white background.

Color Contrast Check

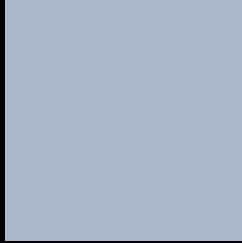
Large Text (above 18pt) WCAG AA × Fail

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, 11.012, 268.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

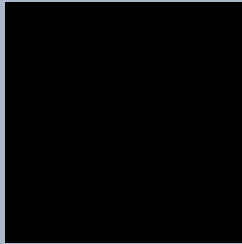
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

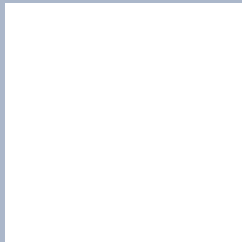
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 11.012, 268.743

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.012, 268.743.



This preview shows how white text looks on a background with the CIELCh color 74, 11.012, 268.743.

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, 11.012, 268.743

Protanopia

74, 10.844, 289.338

Deuteranopia

74, 14.804, 308.312



Tritanopia
74, 9.230, 261.164

Trichromacy



Original Color
74, 11.012, 268.743

Protanomaly
74, 10.944, 281.932

Deuteranomaly
74, 13.080, 296.071

Tritanomaly
74, 9.697, 262.856

Monochromacy



Original Color
74, 11.012, 268.743

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.178, 264.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.012, 268.743 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(171, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 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(171, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.012, 268.743 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(171, 183, 202) }
```

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

```
.border{ border-color:rgb(171, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 183, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 183, 202); box-shadow:4px 4px 4px 4px rgb(171, 183, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.012, 268.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 202) }
```

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

```
.background{ background-color: rgb(171,  
183, 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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