

Converting Colors

CIELCh(74, 21.210, 292.525)

Have a look what the booklet for
CIELCh(74, 21.210, 292.525)
contains.

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Color

CIELCh(74, 21.141, 292.164)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3DA
RGB	179, 179, 218
RGB Percent	70%, 70%, 85%
CMY	0.2993, 0.2993, 0.1464
CMYK	0.18, 0.18, 0.00, 0.15
HSL	240°, 34%, 78%
HSV	240°, 18%, 85%
XYZ	47.1853, 46.7039, 72.6325
YIQ	183.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

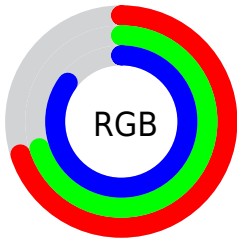
Format	Color
R_{YB}	179, 179, 218
Decimal	11776986
CIE Lab	74.00, 7.98, -19.58
CIE LCh	74, 21.141, 292.164
Yxy	46.7039, 0.2834, 0.2805
Android (android.graphics.Color)	4289967066 (0xFFB3B3DA)
YUV	183.4460, 17.0351, -3.8991
Hunter-Lab	68.3403, 3.6492, -15.1756

Details

The CIELCh color $74, 21.141, 292.164$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 20.287, 108.440$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.319, 290.990$, and $54, 21.364, 292.743$ is the 20% darker color. If you saturate the color by 10%, you get $67, 33.639, 293.554$, and if you desaturate by 10%, it is $81, 9.154, 290.985$.

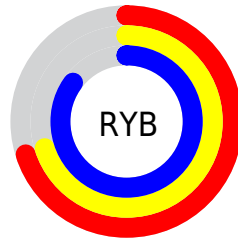
Distribution



Red (70%)

Green (70%)

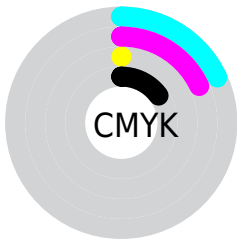
Blue (85%)



Red (70%)

Yellow (70%)

Blue (85%)

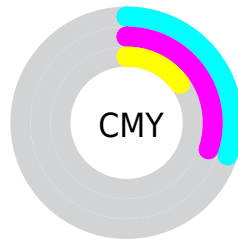


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (30%)


Magenta (30%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 21.141, 292.164 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, 21.141, 292.164 by changing the saturation by 10% instead.


 74, 21.141,
292.164

 74, 21.141,
292.164


 100, 21.141,
292.164


 64, 21.141,
292.164


 94, 21.141,
292.164

 54, 21.141,
292.164

 44, 21.141,
292.164

 34, 21.141,
292.164

 24, 21.141,
292.164

 14, 21.141,
292.164

 4, 21.141, 292.164

0, 21.141, 292.164

74, 21.141,
292.164

74, 21.141,
292.164

67, 33.639,
293.554

81, 9.154, 290.985

60, 46.684,
295.186

88, 2.355, 109.948

52, 60.269,
297.069

96, 13.424,
109.123

45, 74.273,
299.175

99, 18.871,
108.750

39, 88.297,
301.397

34, 101.371,
303.511

■ 29,111.760,
305.182

■ 27,117.758,
306.132

■ 27,118.738,
306.286

Harmonies

Complementary

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



74, 21.141, 292.164



86, 20.287, 108.440

Rectangle

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



74, 21.141, 292.164



74, 21.141, 342.164



74, 21.141, 112.164



74, 21.141, 162.164

Sweetspot

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



74, 21.139, 292.162



96, 6.544, 290.685



84, 13.417, 197.026



51, 4.470, 290.758



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, 21.139, 292.162



83, 28.371, 292.593



76, 22.164, 309.329



42, 6.627, 291.152



20, 100.209, 306.286



2, 29.599, 294.913

Inverse Universe

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



76, 15.044, 20.631



86, 20.312, 20.939



85, 21.609, 127.666



43, 4.639, 19.921



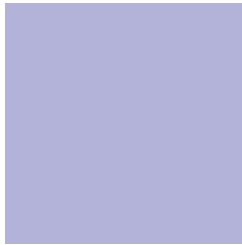
36, 78.229, 39.923



5, 23.840, 20.263

Previews

White Background



This preview shows how the CIELCh color 74, 21.141, 292.164 looks on a white background.

Color Contrast Check

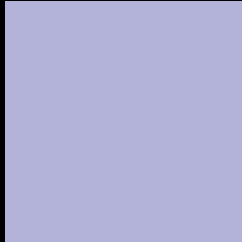
Large Text (above 18pt) WCAG AA × Fail

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, 21.141, 292.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

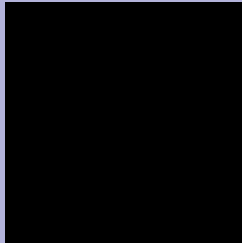
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.141, 292.164

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.141, 292.164.



This preview shows how white text looks on a background with the CIELCh color 74, 21.141, 292.164.

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

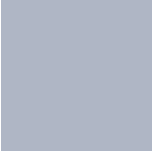
74, 21.141, 292.164

Protanopia

74, 21.178, 286.696

Deuteranopia

74, 21.764, 295.806



Tritanopia
74, 8.448, 273.801

Trichromacy



Original Color
74, 21.141, 292.164

Protanomaly
74, 21.138, 288.501

Deuteranomaly
74, 21.741, 294.909

Tritanomaly
74, 13.081, 283.735

Monochromacy



Original Color
74, 21.141, 292.164

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.127, 290.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.141, 292.164 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(179, 179, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 218)  
}
```

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(179, 179, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.141, 292.164 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(179, 179, 218) }
```

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

```
.border{ border-color:rgb(179, 179, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.141, 292.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 218) }
```

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

```
.background{ background-color: rgb(179,  
179, 218) }
```

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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