

Converting Colors

CIELCh(74, 20.000, 277.508)

Have a look what the booklet for
CIELCh(74, 20.000, 277.508)
contains.

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Color

CIELCh(74, 19.980, 277.491)

Conversions

Conversions Part 1

Format	Color
Hex	A7B6DA
RGB	167, 182, 218
RGB Percent	65%, 71%, 85%
CMY	0.3453, 0.2865, 0.1453
CMYK	0.23, 0.17, 0.00, 0.15
HSL	222°, 41%, 75%
HSV	222°, 23%, 85%
XYZ	45.2909, 46.7039, 72.9205
YIQ	181.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

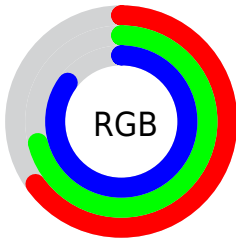
Format	Color
RYB	167, 179, 218
Decimal	10991322
CIELab	74.00, 2.60, -19.81
CIElCh	74, 19.980, 277.491
Yxy	46.7039, 0.2746, 0.2832
Android (android.graphics.Color)	4289181402 (0xFFA7B6DA)
YUV	181.6190, 17.9358, -12.8209
Hunter-Lab	68.3403, -1.2988, -15.4254

Details

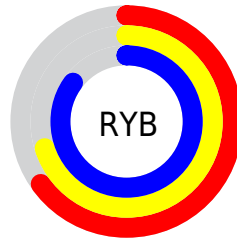
The CIELCh color $74, 19.980, 277.491$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82, 19.873, 91.207$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.020, 260.492$, and $54, 20.095, 277.712$ is the 20% darker color. If you saturate the color by 10%, you get $68, 28.819, 279.331$, and if you desaturate by 10%, it is $80, 11.326, 275.919$.

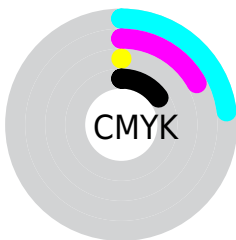
Distribution



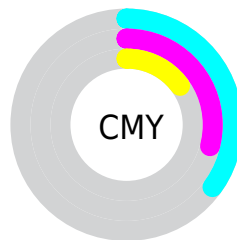
- Red (65%)
- Green (71%)
- Blue (85%)



- Red (65%)
- Yellow (70%)
- Blue (85%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.980, 277.491 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, 19.980, 277.491 by changing the saturation by 10% instead.

■ 74, 19.980,
277.491

■ 74, 19.980,
277.491

■ 100, 19.980,
277.491

■ 64, 19.980,
277.491

■ 94, 19.980,
277.491

■ 54, 19.980,
277.491

■ 44, 19.980,
277.491

■ 34, 19.980,
277.491

■ 24, 19.980,
277.491

■ 14, 19.980,
277.491

■ 4, 19.980, 277.491

■ 0, 19.980, 277.491

■ 74, 19.980,
277.491

■ 74, 19.980,
277.491

■ 68, 28.819,
279.331

■ 80, 11.326,
275.919

■ 63, 37.868,
281.485

■ 85, 2.851, 274.625

■ 57, 47.154,
283.986

■ 91, 5.455, 93.337

■ 52, 56.712,
286.845

■ 96, 13.595, 92.353

■ 99, 18.733,
108.760

■ 47, 66.560,
290.033

■ 42, 76.646,
293.444

■ 38, 86.753,
296.890

■ 35, 93.239,
299.006

Harmonies

Complementary

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



74, 19.980, 277.491



82, 19.873, 91.207

Rectangle

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



74, 19.980, 277.491



74, 19.980, 327.491



74, 19.980, 97.491



74, 19.980, 147.491

Sweetspot

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



74, 19.979, 277.489



96, 6.683, 275.056



83, 19.680, 173.719



51, 4.345, 275.134



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, 19.979, 277.489



82, 27.293, 278.346



71, 28.200, 299.848



43, 4.805, 275.366



28, 77.386, 298.482



4, 23.569, 287.072

Inverse Universe

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



73, 21.021, 358.816



82, 28.796, 359.454



85, 26.801, 116.391



43, 4.990, 357.205



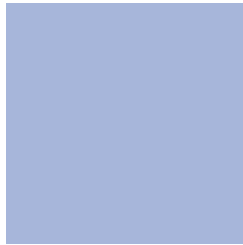
36, 65.752, 21.346



6, 23.884, 7.247

Previews

White Background



This preview shows how the CIELCh color 74, 19.980, 277.491 looks on a white background.

Color Contrast Check

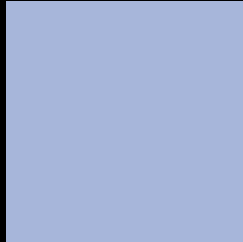
Large Text (above 18pt) WCAG AA × Fail

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, 19.980, 277.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

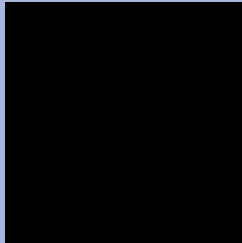
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.980, 277.491

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.980, 277.491.



This preview shows how white text looks on a background with the CIELCh color 74, 19.980, 277.491.

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, 19.980, 277.491

Protanopia

74, 20.104, 286.275

Deuteranopia

74, 22.281, 294.885



Tritanopia
74, 10.991, 246.859

Trichromacy



Original Color
74, 19.980, 277.491

Protanomaly
74, 19.699, 282.171

Deuteranomaly
74, 21.687, 289.545

Tritanomaly
74, 14.024, 262.154

Monochromacy



Original Color
74, 19.980, 277.491

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.232, 276.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.980, 277.491 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(167, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(167, 182, 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(167, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 182, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.980, 277.491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

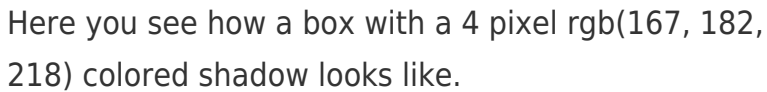
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 182, 218) }
```

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

```
.border{ border-color:rgb(167, 182, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 182, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 182, 218); box-shadow:4px 4px 4px 4px rgb(167, 182, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.980, 277.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 182, 218) }
```

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

```
.background{ background-color: rgb(167,  
182, 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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