

Converting Colors

CIELCh(76, 17.972, 277.070)

Have a look what the booklet for
CIELCh(76, 17.972, 277.070)
contains.

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Color

CIELCh(76, 18.190, 277.893)

Conversions

Conversions Part 1

Format	Color
Hex	AEBBDC
RGB	174, 187, 220
RGB Percent	68%, 73%, 86%
CMY	0.3164, 0.2655, 0.1360
CMYK	0.21, 0.15, 0.00, 0.14
HSL	223°, 40%, 77%
HSV	223°, 21%, 86%
XYZ	48.3180, 49.8872, 75.0110
YIQ	186.8750, -18.3410, 7.5070

Conversions

Conversions Part 2

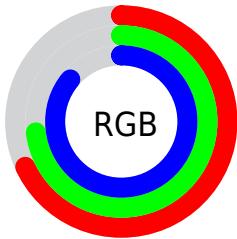
Format	Color
RYB	174, 184, 220
Decimal	11451356
CIELab	76.00, 2.50, -18.02
CIELCh	76, 18.190, 277.893
Yxy	49.8872, 0.2789, 0.2880
Android (android.graphics.Color)	4289641436 (0xFFFAEBBDC)
YUV	186.8750, 16.3306, -11.2914
Hunter-Lab	70.6309, -1.4937, -13.5252

Details

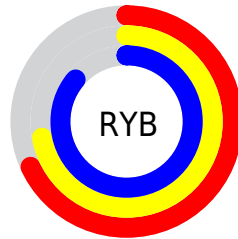
The CIELCh color **76, 18.190, 277.893** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84, 18.056, 92.389**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.512, 254.551**, and **56, 18.178, 277.876** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.198, 279.649**, and if you desaturate by 10%, it is **82, 9.381, 276.393**.

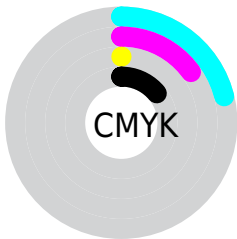
Distribution



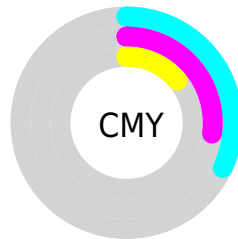
- Red (68%)
- Green (73%)
- Blue (86%)



- Red (68%)
- Yellow (72%)
- Blue (86%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)





- Cyan (32%)
- Magenta (27%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 18.190, 277.893 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 76, 18.190, 277.893 by changing the saturation by 10% instead.


 76, 18.190,
277.893


 76, 18.190,
277.893


 100, 18.190,
277.893


 66, 18.190,
277.893


 96, 18.190,
277.893

 56, 18.190,
277.893

 46, 18.190,
277.893

 36, 18.190,
277.893

 26, 18.190,
277.893

 16, 18.190,
277.893

 6, 18.190, 277.893

0, 18.190, 277.893

76, 18.190,
277.893

76, 18.190,
277.893

70, 27.198,
279.649

82, 9.381, 276.393

65, 36.429,
281.707

87, 0.762, 275.367

93, 7.674, 93.930

59, 45.909,
284.101

98, 15.411,
102.880

54, 55.672,
286.850

99, 17.540,
108.851

48, 65.739,
289.932

43, 76.068,
293.261

■ 39, 86.457,
296.662

■ 35, 95.616,
299.564

Harmonies

Complementary

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



76, 18.190, 277.893



84, 18.056, 92.389

Rectangle

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



76, 18.190, 277.893



76, 18.190, 327.893



76, 18.190, 97.893



76, 18.190, 147.893

Sweetspot

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



76, 18.189, 277.890



96, 5.797, 275.762



84, 17.589, 175.154



51, 3.847, 275.844



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 18.189, 277.890



84, 24.632, 278.616



73, 25.304, 300.208



43, 4.868, 276.196



27, 78.682, 299.034



4, 23.833, 287.516

Inverse Universe

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



76, 18.754, 359.322



84, 25.475, 359.870



86, 24.206, 117.246



43, 4.962, 358.017



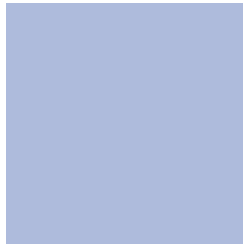
36, 66.131, 22.374



5, 23.858, 7.835

Previews

White Background



This preview shows how the CIELCh color 76, 18.190, 277.893 looks on a white background.

Color Contrast Check

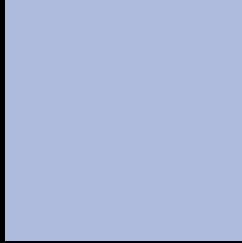
Large Text (above 18pt) WCAG AA × Fail

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 76, 18.190, 277.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

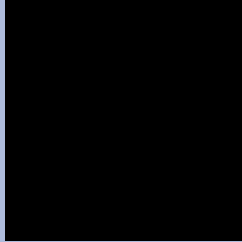
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 18.190, 277.893

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.190, 277.893.



This preview shows how white text looks on a background with the CIELCh color 76, 18.190, 277.893.

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

76, 18.190, 277.893

Protanopia

76, 17.821, 286.331

Deuteranopia

76, 20.645, 297.777



Tritanopia
76, 10.296, 250.974

Trichromacy



Original Color
76, 18.190, 277.893

Protanomaly
76, 17.883, 284.175

Deuteranomaly
76, 19.399, 290.960

Tritanomaly
76, 13.058, 264.712

Monochromacy



Original Color
76, 18.190, 277.893

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.677, 275.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.190, 277.893 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(174, 187, 220)` looks like.

```
.text, #text, p{  
    color:rgb(174, 187, 220)  
}
```

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(174, 187, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.190, 277.893 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(174, 187, 220) }
```

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

```
.border{ border-color:rgb(174, 187, 220) }
```

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

Here you see how a box with a 4 pixel rgb(174, 187, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 220);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.190, 277.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 187, 220) }
```

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

```
.background{ background-color: rgb(174,  
187, 220) }
```

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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