

Converting Colors

CIELCh(76, 15.178, 273.187)

Have a look what the booklet for
CIELCh(76, 15.178, 273.187)
contains.

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Color

CIELCh(76, 15.178, 273.187)

Conversions

Conversions Part 1

Format	Color
Hex	AEB CD7
RGB	174, 188, 215
RGB Percent	68%, 74%, 84%
CMY	0.3175, 0.2626, 0.1568
CMYK	0.19, 0.13, 0.00, 0.16
HSL	220°, 34%, 76%
HSV	220°, 19%, 84%
XYZ	47.7197, 49.8872, 71.4223
YIQ	186.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

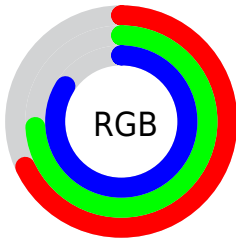
Format	Color
RYB	174, 184, 215
Decimal	11451607
CIELab	76.00, 0.84, -15.15
CIELCh	76, 15.178, 273.187
Yxy	49.8872, 0.2823, 0.2951
Android (android.graphics.Color)	4289641687 (0xFFFAEBCD7)
YUV	186.8920, 13.8572, -11.3063
Hunter-Lab	70.6309, -3.0059, -10.5127

Details

The CIELCh color **76, 15.178, 273.187** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81, 15.266, 88.035**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.312, 249.923**, and **56, 14.994, 272.579** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.306, 274.948**, and if you desaturate by 10%, it is **81, 7.168, 271.687**.

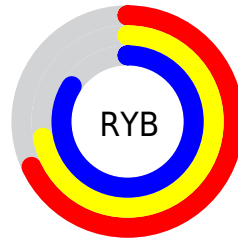
Distribution



Red (68%)

Green (74%)

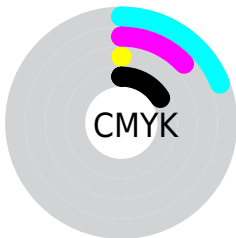
Blue (84%)



Red (68%)

Yellow (72%)

Blue (84%)

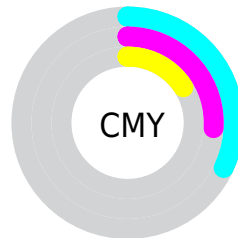


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (32%)


Magenta (26%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 15.178, 273.187 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, 15.178, 273.187 by changing the saturation by 10% instead.


 76, 15.178,
273.187


 76, 15.178,
273.187


 100, 15.178,
273.187


 66, 15.178,
273.187


 96, 15.178,
273.187

 56, 15.178,
273.187

 46, 15.178,
273.187

 36, 15.178,
273.187

 26, 15.178,
273.187

 16, 15.178,
273.187

 6, 15.178, 273.187

0, 15.178, 273.187

76, 15.178,
273.187

76, 15.178,
273.187

71, 23.306,
274.948

81, 7.168, 271.687

66, 31.563,
277.019

86, 0.722, 89.990

60, 39.966,
279.438

92, 8.493, 89.198

55, 48.548,
282.235

97, 15.570, 94.749

51, 57.346,
285.410

99, 20.202,
108.648

46, 66.390,
288.907

■ 42, 75.642,
292.591

■ 38, 84.931,
296.204

■ 37, 85.792,
296.513

Harmonies

Complementary

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



76, 15.178, 273.187



81, 15.266, 88.035

Rectangle

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



76, 15.178, 273.187



76, 15.178, 323.187



76, 15.178, 93.187



76, 15.178, 143.187

Sweetspot

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



76, 15.177, 273.183



96, 5.438, 271.294



83, 16.491, 170.811



51, 3.608, 271.377



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, 15.177, 273.183



86, 21.086, 273.882



73, 22.458, 297.669



42, 4.474, 271.735



29, 71.081, 295.921



5, 21.002, 283.863

Inverse Universe

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



75, 17.188, 355.031



85, 23.960, 355.524



85, 21.529, 114.637



42, 5.016, 353.975



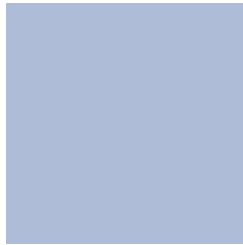
36, 63.739, 16.922



5, 22.431, 4.036

Previews

White Background



This preview shows how the CIELCh color 76, 15.178, 273.187 looks on a white background.

Color Contrast Check

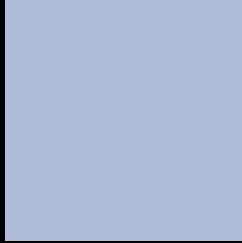
Large Text (above 18pt) WCAG AA × Fail

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, 15.178, 273.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

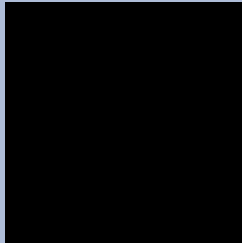
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 15.178, 273.187

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.178, 273.187.



This preview shows how white text looks on a background with the CIELCh color 76, 15.178, 273.187.

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, 15.178, 273.187

Protanopia

76, 15.100, 287.634

Deuteranopia

76, 18.070, 300.670



Tritanopia
76, 10.091, 252.491

Trichromacy



Original Color
76, 15.178, 273.187

Protanomaly
76, 14.683, 282.066

Deuteranomaly
76, 16.712, 291.724

Tritanomaly
76, 11.971, 263.663

Monochromacy



Original Color
76, 15.178, 273.187

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.651, 272.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.178, 273.187 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, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 215)  
}
```

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, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.178, 273.187 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, 188, 215) }
```

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

```
.border{ border-color:rgb(174, 188, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.178, 273.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 215) }
```

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

```
.background{ background-color: rgb(174,  
188, 215) }
```

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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