

Converting Colors

CIELCh(76, 13.914, 267.733)

Have a look what the booklet for
CIELCh(76, 13.914, 267.733)
contains.

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Color

CIELCh(76, 14.015, 266.875)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDD5
RGB	172, 189, 213
RGB Percent	67%, 74%, 84%
CMY	0.3260, 0.2594, 0.1653
CMYK	0.19, 0.11, 0.00, 0.17
HSL	215°, 33%, 75%
HSV	215°, 19%, 83%
XYZ	47.1428, 49.8872, 70.0010
YIQ	186.6530, -17.8360, 3.8600

Conversions

Conversions Part 2

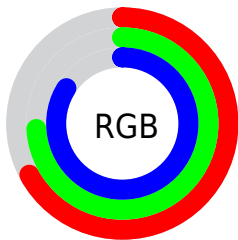
Format	Color
RYB	172, 184, 213
Decimal	11320789
CIELab	76.00, -0.76, -13.99
CIELCh	76, 14.015, 266.875
Yxy	49.8872, 0.2822, 0.2987
Android (android.graphics.Color)	4289510869 (0xFFACBDD5)
YUV	186.6530, 12.9891, -12.8507
Hunter-Lab	70.6309, -4.4638, -9.3196

Details

The CIELCh color `76, 14.015, 266.875` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 14.365, 81.563`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 7.642, 241.459`, and `56, 13.778, 265.700` is the 20% darker color. If you saturate the color by 10%, you get `71, 21.325, 268.690`, and if you desaturate by 10%, it is `81, 6.726, 265.339`.

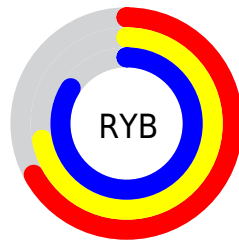
Distribution



Red (67%)

Green (74%)

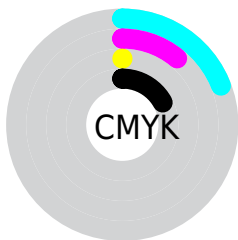
Blue (84%)



Red (67%)

Yellow (72%)

Blue (84%)

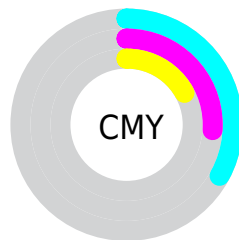


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (33%)


Magenta (26%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 14.015, 266.875 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, 14.015, 266.875 by changing the saturation by 10% instead.


 76, 14.015,
266.875


 76, 14.015,
266.875


 100, 14.015,
266.875


 66, 14.015,
266.875


 96, 14.015,
266.875


 56, 14.015,
266.875

 46, 14.015,
266.875

 36, 14.015,
266.875

 26, 14.015,
266.875

 16, 14.015,
266.875

 6, 14.015, 266.875

0, 14.015, 266.875

76, 14.015,
266.875

76, 14.015,
266.875

71, 21.325,
268.690

81, 6.726, 265.339

67, 28.655,
270.837

86, 0.527, 83.364

62, 36.009,
273.360

90, 7.734, 82.779

57, 43.408,
276.298

95, 14.547, 84.452

53, 50.897,
279.664

98, 19.457,
104.484

49, 58.534,
283.418

99, 21.293,
108.565

■ 45, 66.369,
287.443

■ 41, 74.400,
291.482

■ 41, 75.003,
291.761

Harmonies

Complementary

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



76, 14.015, 266.875



80, 14.365, 81.563

Rectangle

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



76, 14.015, 266.875



76, 14.015, 316.875



76, 14.015, 86.875



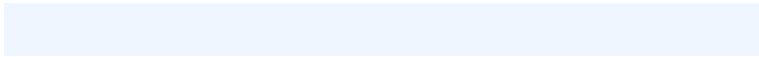
76, 14.015, 136.875

Sweetspot

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



76, 14.014, 266.870



97, 5.045, 264.916



82, 17.315, 166.645



51, 3.347, 264.999



0, 0.000, 0.000



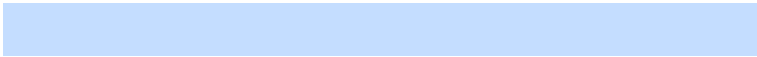
53, 0.007, 296.813

Same Dimension

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



76, 14.014, 266.870



87, 19.390, 267.558



72, 22.430, 295.305



43, 4.144, 265.362



33, 62.651, 291.111



5, 19.302, 279.740

Inverse Universe

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



74, 17.915, 350.329



85, 24.884, 350.771



84, 21.465, 111.840



42, 5.234, 349.313



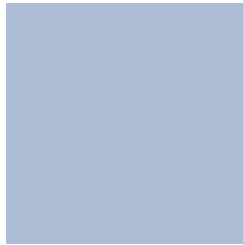
36, 62.657, 9.916



5, 22.824, 359.773

Previews

White Background



This preview shows how the CIELCh color 76, 14.015, 266.875 looks on a white background.

Color Contrast Check

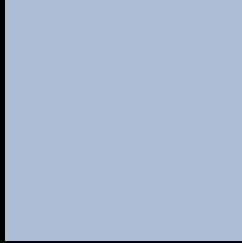
Large Text (above 18pt) WCAG AA × Fail

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 76, 14.015, 266.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

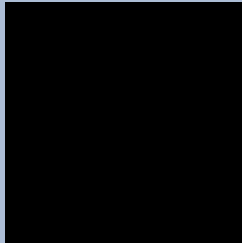
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

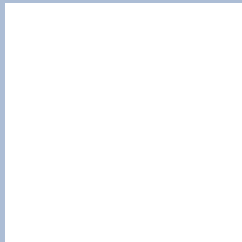
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.015, 266.875

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.015, 266.875.



This preview shows how white text looks on a background with the CIELCh color 76, 14.015, 266.875.

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

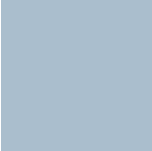
76, 14.015, 266.875

Protanopia

76, 13.491, 286.986

Deuteranopia

76, 17.685, 303.170



Tritanopia
76, 10.508, 249.522

Trichromacy



Original Color
76, 14.015, 266.875

Protanomaly
76, 13.684, 279.762

Deuteranomaly
76, 16.199, 292.907

Tritanomaly
76, 11.549, 256.432

Monochromacy



Original Color
76, 14.015, 266.875

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.952, 260.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.015, 266.875 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(172, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 213)  
}
```

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(172, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.015, 266.875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

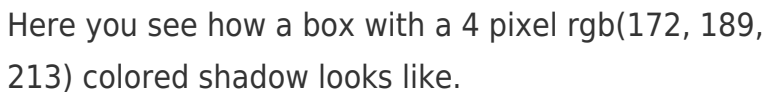
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 189, 213) }
```

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

```
.border{ border-color:rgb(172, 189, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 213);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.015, 266.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 213) }
```

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

```
.background{ background-color: rgb(172,  
189, 213) }
```

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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