

Converting Colors

CIELCh(76, 8.043, 252.850)

Have a look what the booklet for
CIELCh(76, 8.043, 252.850) contains.

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Color

CIELCh(76, 8.043, 252.850)

Conversions

Conversions Part 1

Format	Color
Hex	AFBDC9
RGB	175, 189, 201
RGB Percent	69%, 74%, 79%
CMY	0.3127, 0.2577, 0.2107
CMYK	0.13, 0.06, 0.00, 0.21
HSL	208°, 19%, 74%
HSV	208°, 13%, 79%
XYZ	46.5707, 49.8872, 62.6029
YIQ	186.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

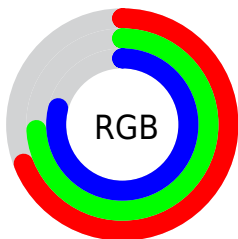
Format	Color
R _Y B	175, 184, 201
Decimal	11517385
CIE Lab	76.00, -2.37, -7.69
CIE LCh	76, 8.043, 252.850
Yxy	49.8872, 0.2928, 0.3136
Android (android.graphics.Color)	4289707465 (0xFFAFBDC9)
YUV	186.1820, 7.3053, -9.8066
Hunter-Lab	70.6309, -5.9097, -3.1094

Details

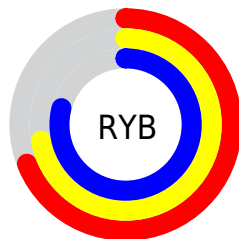
The CIELCh color `76, 8.043, 252.850` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 8.371, 69.589`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.933, 247.072`, and `56, 8.045, 250.834` is the 20% darker color. If you saturate the color by 10%, you get `72, 14.134, 254.388`, and if you desaturate by 10%, it is `80, 1.836, 251.690`.

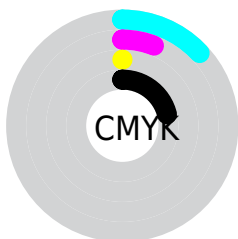
Distribution



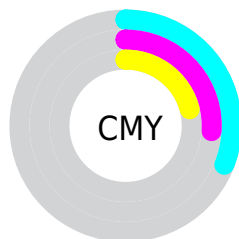
- Red (69%)
- Green (74%)
- Blue (79%)



- Red (69%)
- Yellow (72%)
- Blue (79%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.043, 252.850 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, 8.043, 252.850 by changing the saturation by 10% instead.

■ 76, 8.043, 252.850

■ 76, 8.043, 252.850

■ 100, 8.043,
252.850

■ 66, 8.043, 252.850

■ 96, 8.043, 252.850

■ 56, 8.043, 252.850

■ 46, 8.043, 252.850

■ 36, 8.043, 252.850

■ 26, 8.043, 252.850

■ 16, 8.043, 252.850

■ 6, 8.043, 252.850

■ 0, 8.043, 252.850

■ 76, 8.043, 252.850

■ 76, 8.043, 252.850

72, 14.134,
254.388

80, 1.836, 251.690

68, 20.078,
256.264

84, 4.452, 70.273

65, 25.845,
258.519

88, 10.794, 69.384

61, 31.419,
261.218

92, 16.966, 69.357

57, 36.803,
264.420

94, 19.120, 86.285

54, 42.036,
268.153

96, 22.557, 98.796

51, 47.198,
272.391

99, 26.756,
107.571

48, 52.402,
277.022

99, 27.097,
108.120

46, 56.200,

Harmonies

Complementary

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



76, 8.043, 252.850



77, 8.371, 69.589

Rectangle

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



76, 8.043, 252.850



76, 8.043, 302.850



76, 8.043, 72.850



76, 8.043, 122.850

Sweetspot

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



76, 8.042, 252.838



98, 3.042, 251.767



79, 12.264, 160.032



52, 2.160, 251.837



0, 0.000, 0.000



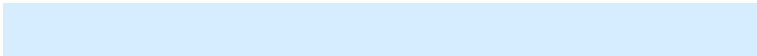
53, 0.007, 296.813

Same Dimension

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



76, 8.042, 252.838



92, 12.032, 253.316



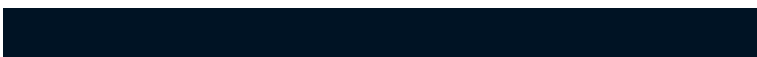
73, 13.439, 289.523



40, 3.506, 252.363



37, 47.419, 279.536



5, 13.404, 266.720

Inverse Universe

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



74, 12.330, 342.652



90, 18.559, 342.949



80, 13.088, 106.809



39, 5.339, 342.339



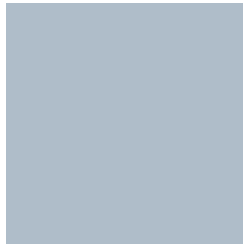
35, 61.278, 357.995



4, 18.260, 350.615

Previews

White Background



This preview shows how the CIELCh color 76, 8.043, 252.850 looks on a white background.

Color Contrast Check

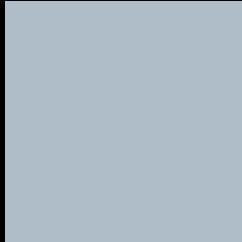
Large Text (above 18pt) WCAG AA × Fail

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, 8.043, 252.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

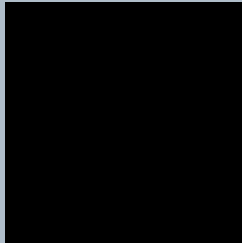
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

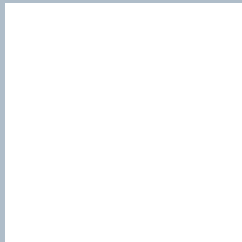
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.043, 252.850

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.043, 252.850.

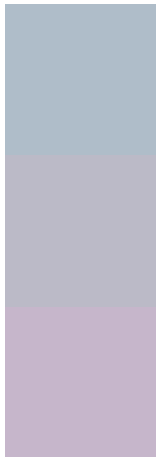


This preview shows how white text looks on a background with the CIELCh color 76, 8.043, 252.850.

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, 8.043, 252.850

Protanopia

76, 7.024, 293.778

Deuteranopia

76, 12.777, 318.087



Tritanopia
76, 9.180, 261.105

Trichromacy



Original Color
76, 8.043, 252.850

Protanomaly
76, 7.123, 279.255

Deuteranomaly
76, 9.368, 302.075

Tritanomaly
76, 8.724, 259.242

Monochromacy



Original Color
76, 8.043, 252.850

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.228, 256.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.043, 252.850 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(175, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 201)  
}
```

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(175, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.043, 252.850 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(175, 189, 201) }
```

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

```
.border{ border-color:rgb(175, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.043, 252.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 201) }
```

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

```
.background{ background-color: rgb(175,  
189, 201) }
```

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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