

Converting Colors

CIELCh(76, 2.765, 242.833)

Have a look what the booklet for
CIELCh(76, 2.765, 242.833) contains.

CIELCh(76, 2.800, 249.855)	3
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Color

CIELCh(76, 2.800, 249.855)

Conversions

Conversions Part 1

Format	Color
Hex	B7BCC0
RGB	183, 188, 192
RGB Percent	72%, 74%, 75%
CMY	0.2820, 0.2624, 0.2467
CMYK	0.05, 0.02, 0.00, 0.25
HSL	207°, 7%, 74%
HSV	207°, 5%, 75%
XYZ	47.0713, 49.8872, 57.0643
YIQ	186.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

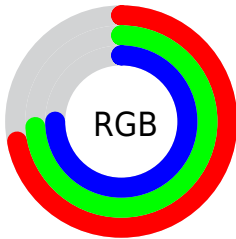
Format	Color
R_YB	183, 186, 192
Decimal	12041408
CIE Lab	76.00, -0.96, -2.63
CIE LCh	76, 2.800, 249.855
Yxy	49.8872, 0.3056, 0.3239
Android (android.graphics.Color)	4290231488 (0xFFB7BCC0)
YUV	186.9610, 2.4842, -3.4738
Hunter-Lab	70.6309, -4.6445, 1.5399

Details

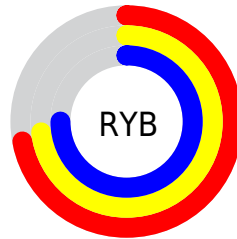
The CIELCh color $76, 2.800, 249.855$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 2.831, 68.471$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.672, 249.774$, and $56, 2.966, 250.018$ is the 20% darker color. If you saturate the color by 10%, you get $72, 8.682, 251.040$, and if you desaturate by 10%, it is $80, 3.184, 68.439$.

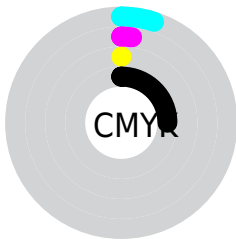
Distribution



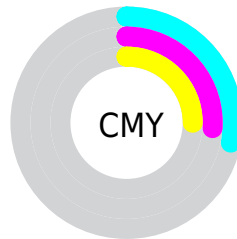
- Red (72%)
- Green (74%)
- Blue (75%)



- Red (72%)
- Yellow (73%)
- Blue (75%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.800, 249.855 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, 2.800, 249.855 by changing the saturation by 10% instead.

■ 76, 2.800, 249.855

■ 76, 2.800, 249.855

■ 100, 2.800,
249.855

■ 66, 2.800, 249.855

■ 96, 2.800, 249.855

■ 56, 2.800, 249.855

■ 46, 2.800, 249.855

■ 36, 2.800, 249.855

■ 26, 2.800, 249.855

■ 16, 2.800, 249.855

■ 6, 2.800, 249.855

■ 0, 2.800, 249.855

■ 76, 2.800, 249.855

■ 76, 2.800, 249.855

72, 8.682, 251.040

80, 3.184, 68.439

69, 14.430,
252.607

83, 9.237, 67.586

65, 20.008,
254.505

87, 15.333, 66.807

62, 25.385,
256.795

91, 20.155, 70.073

58, 30.544,
259.544

95, 24.843, 94.209

55, 35.488,
262.810

97, 28.362,
102.416

52, 40.258,
266.622

99, 31.677,
107.768

49, 44.935,
270.951

46, 49.639,
275.675

Harmonies

Complementary

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



76, 2.800, 249.855



76, 2.831, 68.471

Rectangle

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



76, 2.800, 249.855



76, 2.800, 299.855



76, 2.800, 69.855



76, 2.800, 119.855

Sweetspot

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



76, 2.799, 249.815



98, 0.748, 249.894



77, 4.322, 159.953



52, 0.425, 249.923



99, 0.012, 296.813



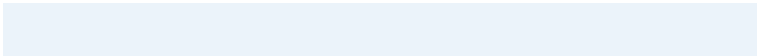
52, 0.007, 296.813

Same Dimension

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



76, 2.799, 249.815



95, 4.431, 249.955



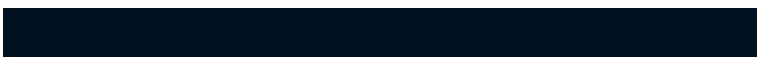
75, 4.545, 287.867



40, 2.383, 250.005



37, 45.200, 277.453



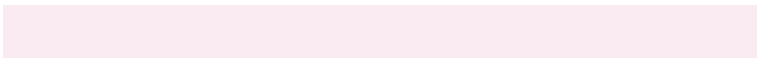
5, 12.070, 264.208

Inverse Universe

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



75, 4.319, 341.033



94, 6.858, 341.164



77, 4.489, 106.877



39, 3.691, 341.206



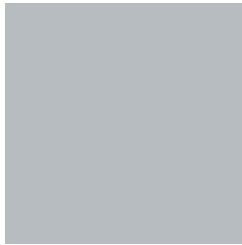
35, 60.911, 356.379



3, 16.369, 348.953

Previews

White Background



This preview shows how the CIELCh color 76, 2.800, 249.855 looks on a white background.

Color Contrast Check

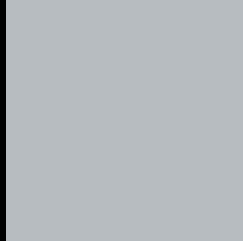
Large Text (above 18pt) WCAG AA × Fail

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, 2.800, 249.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

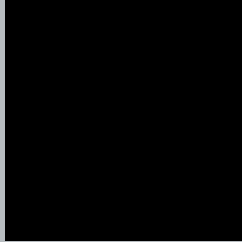
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

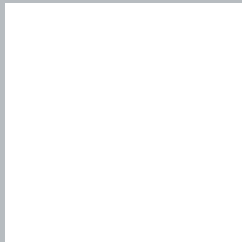
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.800, 249.855

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.800, 249.855.



This preview shows how white text looks on a background with the CIELCh color 76, 2.800, 249.855.

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

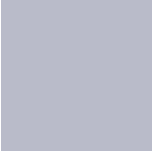
76, 2.800, 249.855

Protanopia

76, 2.930, 312.541

Deuteranopia

76, 9.815, 343.196



Tritanopia
76, 7.563, 285.460

Trichromacy



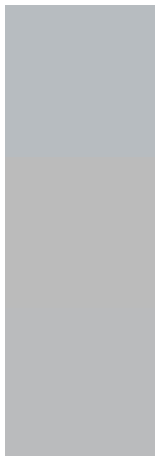
Original Color
76, 2.800, 249.855

Protanomaly
76, 2.161, 290.408

Deuteranomaly
76, 6.599, 332.684

Tritanomaly
76, 6.006, 280.393

Monochromacy



Original Color
76, 2.800, 249.855

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.140, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.800, 249.855 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(183, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 192)  
}
```

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(183, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.800, 249.855 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(183, 188, 192) }
```

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

```
.border{ border-color:rgb(183, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.800, 249.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 192) }
```

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

```
.background{ background-color: rgb(183,  
188, 192) }
```

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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