

Converting Colors

CIELCh(76, 3.578, 236.354)

Have a look what the booklet for
CIELCh(76, 3.578, 236.354) contains.

| | |
|--|----|
| CIELCh(76, 3.582, 236.357) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(76, 3.582, 236.357)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B5BDC1 |
| RGB | 181, 189, 193 |
| RGB Percent | 71%, 74%, 76% |
| CMY | 0.2914, 0.2600, 0.2443 |
| CMYK | 0.06, 0.02, 0.00, 0.24 |
| HSL | 200°, 9%, 73% |
| HSV | 200°, 6%, 76% |
| XYZ | 46.7080, 49.8872, 57.4402 |
| YIQ | 187.0640, -6.0520, -0.4520 |

Conversions

Conversions Part 2

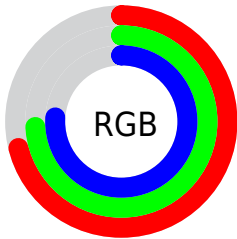
| Format | Color |
|-------------------------------------|--|
| RYB | 181, 186, 193 |
| Decimal | 11910593 |
| CIELab | 76.00, -1.98, -2.98 |
| CIELCh | 76, 3.582, 236.357 |
| Yxy | 49.8872, 0.3032, 0.3239 |
| Android (android.graphics.Color) | 4290100673 (0xFFB5BDC1) |
| YUV | 187.0640, 2.9264, -5.3181 |
| Hunter-Lab | 70.6309, -5.5625, 1.2243 |

Details

The CIELCh color $76, 3.582, 236.357$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.686, 55.050$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.423, 236.273$, and $56, 3.785, 236.523$ is the 20% darker color. If you saturate the color by 10%, you get $73, 9.155, 237.263$, and if you desaturate by 10%, it is $79, 2.197, 55.159$.

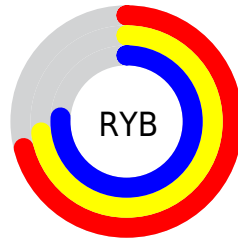
Distribution



Red (71%)

Green (74%)

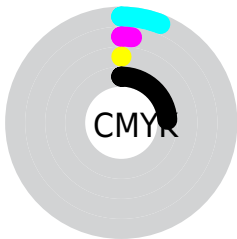
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

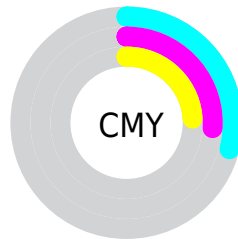


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.582, 236.357 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, 3.582, 236.357 by changing the saturation by 10% instead.

■ 76, 3.582, 236.357

■ 76, 3.582, 236.357

■ 100, 3.582,
236.357

■ 66, 3.582, 236.357

■ 96, 3.582, 236.357

■ 56, 3.582, 236.357

■ 46, 3.582, 236.357

■ 36, 3.582, 236.357

■ 26, 3.582, 236.357

■ 16, 3.582, 236.357

■ 6, 3.582, 236.357

■ 0, 3.582, 236.357

■ 76, 3.582, 236.357

■ 76, 3.582, 236.357

73, 9.155, 237.263

79, 2.197, 55.159

70, 14.468,
238.514

82, 8.133, 54.656

67, 19.458,
240.090

86, 14.182, 54.145

64, 24.070,
242.060

89, 19.402, 55.465

61, 28.254,
244.508

90, 19.722, 67.075

59, 31.987,
247.517

92, 20.820, 77.839

56, 35.289,
251.160

93, 22.575, 87.173

54, 38.235,
255.462

95, 24.837, 94.926

52, 40.967,
260.347

97, 27.471,
101.233

Harmonies

Complementary

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



76, 3.582, 236.357



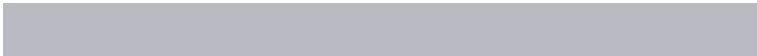
76, 3.686, 55.050

Rectangle

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



76, 3.582, 236.357



76, 3.582, 286.357



76, 3.582, 56.357



76, 3.582, 106.357

Sweetspot

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



76, 3.582, 236.325



97, 1.434, 236.230



77, 6.279, 154.589



52, 0.816, 236.243



99, 0.012, 296.813



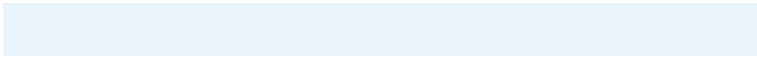
52, 0.007, 296.813

Same Dimension

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



76, 3.582, 236.325



96, 4.965, 236.391



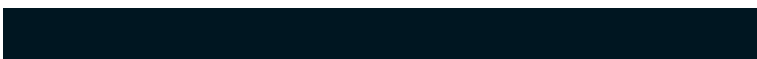
74, 5.348, 282.124



40, 2.615, 236.421



43, 36.433, 261.430



6, 10.823, 250.337

Inverse Universe

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



75, 6.236, 336.033



94, 8.665, 336.102



77, 5.295, 100.673



39, 4.568, 336.132



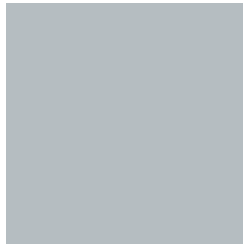
35, 64.167, 347.124



3, 17.757, 342.205

Previews

White Background



This preview shows how the CIELCh color 76, 3.582, 236.357 looks on a white background.

Color Contrast Check

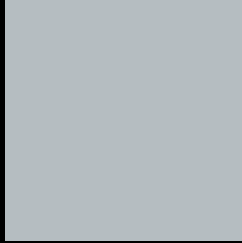
Large Text (above 18pt) WCAG AA × Fail

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, 3.582, 236.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

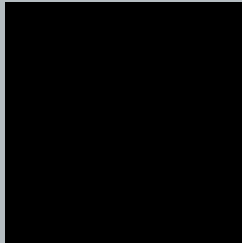
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

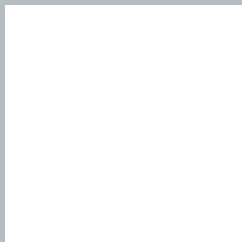
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.582, 236.357

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.582, 236.357.



This preview shows how white text looks on a background with the CIELCh color 76, 3.582, 236.357.

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

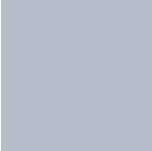
76, 3.582, 236.357

Protanopia

76, 2.930, 312.541

Deuteranopia

76, 9.857, 339.341



Tritanopia
76, 8.241, 278.481

Trichromacy



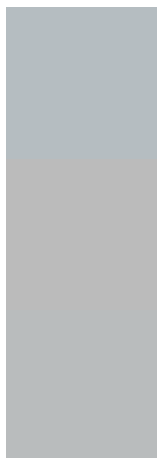
Original Color
76, 3.582, 236.357

Protanomaly
76, 2.718, 282.727

Deuteranomaly
76, 6.560, 324.684

Tritanomaly
76, 6.262, 270.677

Monochromacy



Original Color
76, 3.582, 236.357

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.222, 225.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.582, 236.357 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(181, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 193)  
}
```

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(181, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.582, 236.357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

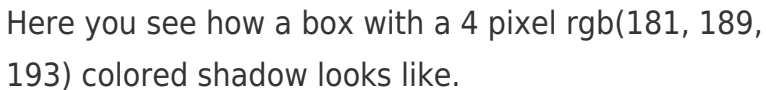
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 189, 193) }
```

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

```
.border{ border-color:rgb(181, 189, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 189, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 189, 193); box-shadow:4px 4px 4px 4px rgb(181, 189, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.582, 236.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 193) }
```

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

```
.background{ background-color: rgb(181,  
189, 193) }
```

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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