

Converting Colors

CIELCh(78, 5.866, 258.733)

Have a look what the booklet for
CIELCh(78, 5.866, 258.733) contains.

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Color

CIELCh(78, 5.737, 256.626)

Conversions

Conversions Part 1

Format	Color
Hex	B9C2CB
RGB	185, 194, 203
RGB Percent	73%, 76%, 80%
CMY	0.2745, 0.2392, 0.2039
CMYK	0.09, 0.04, 0.00, 0.20
HSL	210°, 15%, 76%
HSV	210°, 9%, 80%
XYZ	50.0811, 53.2120, 64.1333
YIQ	192.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

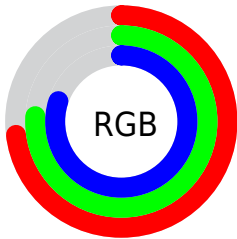
Format	Color
R_{YB}	185, 191, 203
Decimal	12174027
CIE Lab	78.00, -1.33, -5.58
CIE LCh	78, 5.737, 256.626
Yxy	53.2120, 0.2991, 0.3178
Android (android.graphics.Color)	4290364107 (0xFFB9C2CB)
YUV	192.3350, 5.2578, -6.4328
Hunter-Lab	72.9466, -5.1082, -1.0641

Details

The CIELCh color $78, 5.737, 256.626$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 5.853, 74.265$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.984, 239.309$, and $58, 5.877, 260.074$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.140, 258.087$, and if you desaturate by 10%, it is $82, 0.728, 74.753$.

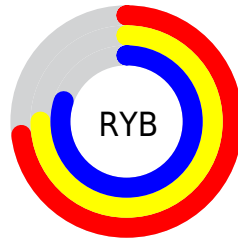
Distribution



Red (73%)

Green (76%)

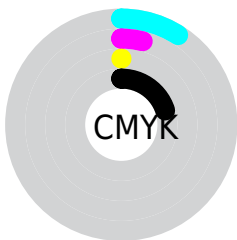
Blue (80%)



Red (73%)

Yellow (75%)

Blue (80%)

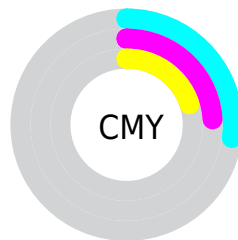


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.737, 256.626 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 78, 5.737, 256.626 by changing the saturation by 10% instead.

■ 78, 5.737, 256.626

■ 78, 5.737, 256.626

■ 100, 5.737,
256.626

■ 68, 5.737, 256.626

■ 98, 5.737, 256.626

■ 58, 5.737, 256.626

■ 48, 5.737, 256.626

■ 38, 5.737, 256.626

■ 28, 5.737, 256.626

■ 18, 5.737, 256.626

■ 8, 5.737, 256.626

■ 0, 5.737, 256.626

■ 78, 5.737, 256.626

■ 78, 5.737, 256.626

74, 12.140,
258.087

82, 0.728, 74.753

70, 18.457,
259.873

86, 7.227, 74.124

66, 24.666,
262.006

91, 13.739, 73.215

62, 30.751,
264.545

96, 21.585, 98.191

58, 36.718,
267.544

99, 26.180,
108.099

54, 42.596,
271.036

99, 26.233,
108.187

51, 48.451,
275.008

47, 54.376,
279.372

44, 60.478,

283.884

Harmonies

Complementary

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



78, 5.737, 256.626



79, 5.853, 74.265

Rectangle

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



78, 5.737, 256.626



78, 5.737, 306.626



78, 5.737, 76.626



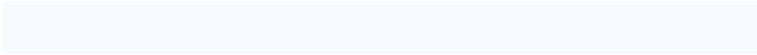
78, 5.737, 126.626

Sweetspot

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



78, 5.736, 256.608



98, 2.346, 255.961



80, 8.264, 162.086



52, 1.777, 256.024



0, 0.000, 0.000



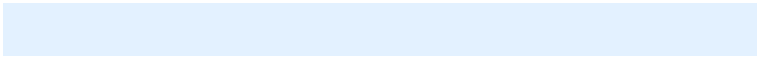
53, 0.007, 296.813

Same Dimension

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



78, 5.736, 256.608



95, 8.553, 256.918



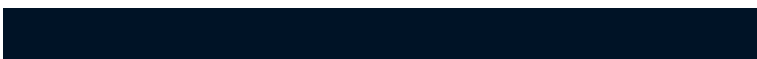
76, 9.545, 290.433



41, 3.683, 256.679



36, 51.877, 283.657



6, 15.144, 271.169

Inverse Universe

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



77, 8.265, 344.329



93, 12.372, 344.539



81, 9.354, 108.644



40, 5.312, 344.378



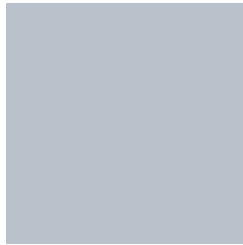
35, 61.430, 1.603



4, 19.921, 353.520

Previews

White Background



This preview shows how the CIELCh color 78, 5.737, 256.626 looks on a white background.

Color Contrast Check

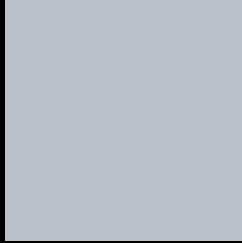
Large Text (above 18pt) WCAG AA × Fail

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 78, 5.737, 256.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

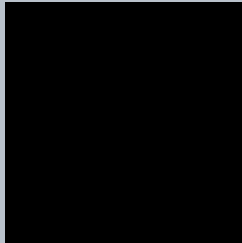
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

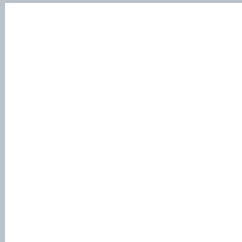
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.737, 256.626

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.737, 256.626.

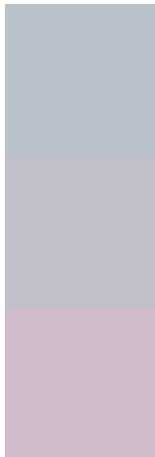


This preview shows how white text looks on a background with the CIELCh color 78, 5.737, 256.626.

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

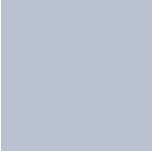
78, 5.737, 256.626

Protanopia

78, 5.379, 294.521

Deuteranopia

78, 11.493, 327.939



Tritanopia
78, 8.359, 273.725

Trichromacy



Original Color
78, 5.737, 256.626

Protanomaly
78, 4.924, 277.983

Deuteranomaly
78, 8.082, 311.794

Tritanomaly
78, 7.348, 271.081

Monochromacy



Original Color
78, 5.737, 256.626

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.155, 247.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.737, 256.626 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(185, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 203)  
}
```

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(185, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.737, 256.626 is called "border". The border property can be set on classes, ids or directly on the HTML element.

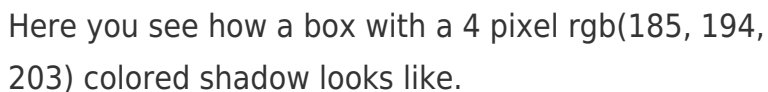
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 194, 203) }
```

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

```
.border{ border-color:rgb(185, 194, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.737, 256.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 203) }
```

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

```
.background{ background-color: rgb(185,  
194, 203) }
```

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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