

Converting Colors

CIELCh(78, 2.911, 157.752)

Have a look what the booklet for
CIELCh(78, 2.911, 157.752) contains.

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Color

CIELCh(78, 2.738, 163.546)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2BF
RGB	188, 194, 191
RGB Percent	74%, 76%, 75%
CMY	0.2616, 0.2381, 0.2499
CMYK	0.03, 0.00, 0.02, 0.24
HSL	150°, 5%, 75%
HSV	150°, 3%, 76%
XYZ	49.5994, 53.2120, 57.1111
YIQ	191.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

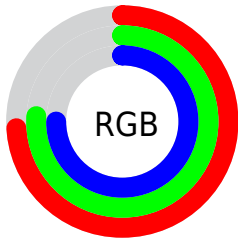
Format	Color
RYB	188, 192, 194
Decimal	12370623
CIELab	78.00, -2.63, 0.78
CIELCh	78, 2.738, 163.546
Yxy	53.2120, 0.3101, 0.3327
Android (android.graphics.Color)	4290560703 (0xFFBCC2BF)
YUV	191.8640, -0.4260, -3.3887
Hunter-Lab	72.9466, -6.2868, 4.6435

Details

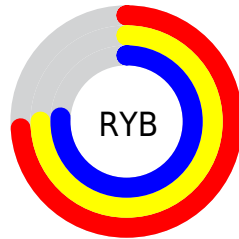
The CIELCh color **78, 2.738, 163.546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 2.763, 343.743**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 2.608, 163.638**, and **58, 2.264, 169.262** is the 20% darker color. If you saturate the color by 10%, you get **76, 11.638, 162.564**, and if you desaturate by 10%, it is **80, 6.121, 344.100**.

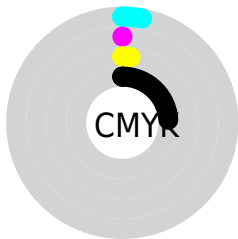
Distribution



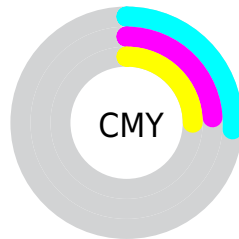
- Red (74%)
- Green (76%)
- Blue (75%)



- Red (74%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.738, 163.546 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, 2.738, 163.546 by changing the saturation by 10% instead.

■ 78, 2.738, 163.546

■ 78, 2.738, 163.546

■ 100, 2.738,
163.546

■ 68, 2.738, 163.546

■ 98, 2.738, 163.546

■ 58, 2.738, 163.546

■ 48, 2.738, 163.546

■ 38, 2.738, 163.546

■ 28, 2.738, 163.546

■ 18, 2.738, 163.546

■ 8, 2.738, 163.546

■ 0, 2.738, 163.546

■ 78, 2.738, 163.546

■ 78, 2.738, 163.546

76, 11.638,
162.564

80, 6.121, 344.100

75, 20.476,
161.597

82, 14.869,
344.851

74, 29.133,
160.527

84, 23.450,
345.518

72, 37.470,
159.324

85, 28.746,
340.998

71, 45.337,
157.964

85, 32.083,
333.907

71, 52.589,
156.422

85, 35.849,
328.318

70, 59.105,
154.678

86, 38.076,
325.747

70, 64.809,
152.723

69, 69.697,

150.568

Harmonies

Complementary

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



78, 2.738, 163.546



77, 2.763, 343.743

Rectangle

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



78, 2.738, 163.546



78, 2.738, 213.546



78, 2.738, 343.546



78, 2.738, 33.546

Sweetspot

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



78, 2.740, 163.532



99, 1.091, 163.998



78, 3.386, 128.382



53, 0.625, 164.025



0, 0.000, 0.000



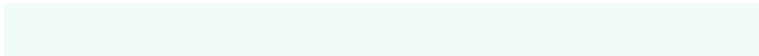
53, 0.007, 296.813

Same Dimension

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



78, 2.740, 163.532



98, 4.390, 163.417



78, 2.191, 198.080



41, 2.511, 163.351



58, 62.710, 149.396



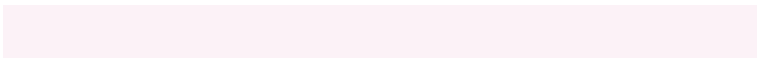
10, 18.488, 156.466

Inverse Universe

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



77, 2.763, 343.743



97, 4.426, 343.857



77, 2.234, 17.974



40, 2.532, 343.923



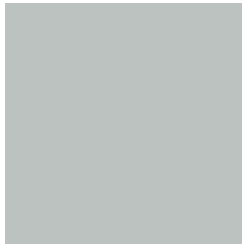
34, 60.045, 1.478



3, 15.833, 352.319

Previews

White Background



This preview shows how the CIELCh color 78, 2.738, 163.546 looks on a white background.

Color Contrast Check

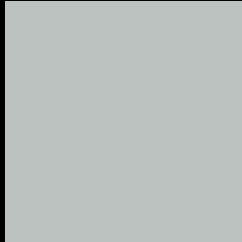
Large Text (above 18pt) WCAG AA × Fail

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, 2.738, 163.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

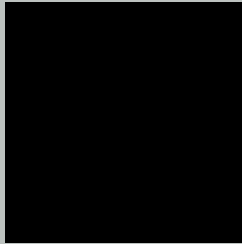
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

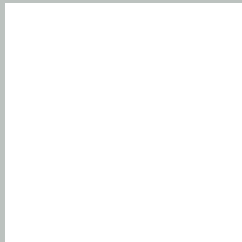
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.738, 163.546

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.738, 163.546.



This preview shows how white text looks on a background with the CIELCh color 78, 2.738, 163.546.

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, 2.738, 163.546

Protanopia

78, 2.130, 49.342

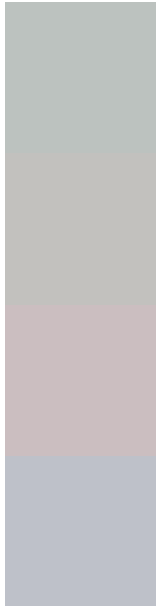
Deuteranopia

78, 9.537, 0.563



Tritanopia
78, 8.041, 288.381

Trichromacy



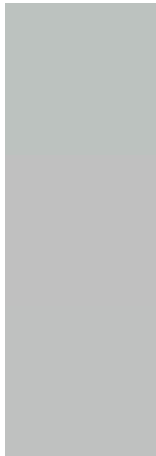
Original Color
78, 2.738, 163.546

Protanomaly
78, 1.632, 96.882

Deuteranomaly
78, 4.963, 7.289

Tritanomaly
78, 4.405, 276.383

Monochromacy



Original Color
78, 2.738, 163.546

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.909, 164.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.738, 163.546 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(188, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 191)  
}
```

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(188, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.738, 163.546 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(188, 194, 191) }
```

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

```
.border{ border-color:rgb(188, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.738, 163.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 191) }
```

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

```
.background{ background-color: rgb(188,  
194, 191) }
```

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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