

Converting Colors

CIELCh(78, 2.940, 239.736)

Have a look what the booklet for
CIELCh(78, 2.940, 239.736) contains.

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Color

CIELCh(78, 2.685, 236.256)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2C5
RGB	188, 194, 197
RGB Percent	74%, 76%, 77%
CMY	0.2633, 0.2398, 0.2280
CMYK	0.05, 0.02, 0.00, 0.23
HSL	200°, 7%, 75%
HSV	200°, 5%, 77%
XYZ	50.0199, 53.2120, 60.3664
YIQ	192.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

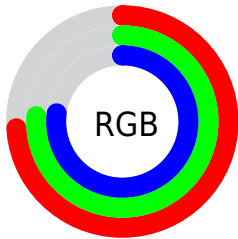
Format	Color
R_{YB}	188, 192, 197
Decimal	12370629
CIE _{Lab}	78.00, -1.49, -2.23
CIE _{LCh}	78, 2.685, 236.256
Yxy	53.2120, 0.3057, 0.3253
Android (android.graphics.Color)	4290560709 (0xFFBCC2C5)
YUV	192.5480, 2.1948, -3.9886
Hunter-Lab	72.9466, -5.2578, 1.9975

Details

The CIELCh color **78, 2.685, 236.256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 2.737, 55.119**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 2.892, 244.496**, and **58, 2.547, 241.528** is the 20% darker color. If you saturate the color by 10%, you get **75, 8.394, 237.073**, and if you desaturate by 10%, it is **81, 3.225, 55.093**.

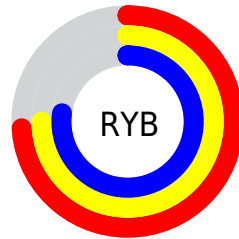
Distribution



Red (74%)

Green (76%)

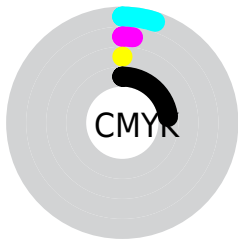
Blue (77%)



Red (74%)

Yellow (75%)

Blue (77%)

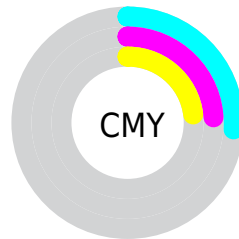


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (24%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.685, 236.256 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, 2.685, 236.256 by changing the saturation by 10% instead.

 78, 2.685, 236.256

 78, 2.685, 236.256

 100, 2.685,
236.256

 68, 2.685, 236.256

 98, 2.685, 236.256

 58, 2.685, 236.256

 48, 2.685, 236.256

 38, 2.685, 236.256

 28, 2.685, 236.256

 18, 2.685, 236.256

 8, 2.685, 236.256

 0, 2.685, 236.256

 78, 2.685, 236.256

 78, 2.685, 236.256

75, 8.394, 237.073

81, 3.225, 55.093

72, 13.846,
238.277

84, 9.286, 54.552

69, 18.981,
239.798

88, 15.458, 54.055

66, 23.738,
241.702

90, 18.066, 61.472

63, 28.065,
244.071

92, 18.863, 73.820

60, 31.935,
246.991

93, 20.455, 84.646

58, 35.359,
250.537

95, 22.665, 93.572

56, 38.403,
254.743

97, 25.319,
100.708

53, 41.200,
259.564

98, 28.281,
106.360

Harmonies

Complementary

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



78, 2.685, 236.256



78, 2.737, 55.119

Rectangle

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



78, 2.685, 236.256



78, 2.685, 286.256



78, 2.685, 56.256



78, 2.685, 106.256

Sweetspot

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



78, 2.685, 236.212



100, 0.733, 236.530



79, 4.685, 154.725



53, 0.417, 236.567



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, 2.685, 236.212



98, 3.619, 236.239



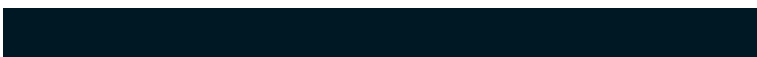
77, 3.989, 281.938



41, 2.011, 236.273



44, 36.878, 261.484



7, 11.664, 250.239

Inverse Universe

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



77, 4.654, 335.893



97, 6.282, 335.936



79, 3.951, 100.846



40, 3.495, 335.981



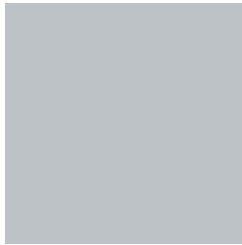
36, 64.904, 347.149



4, 20.010, 342.614

Previews

White Background



This preview shows how the CIELCh color 78, 2.685, 236.256 looks on a white background.

Color Contrast Check

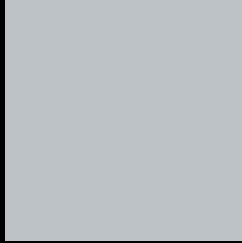
Large Text (above 18pt) WCAG AA × Fail

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, 2.685, 236.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

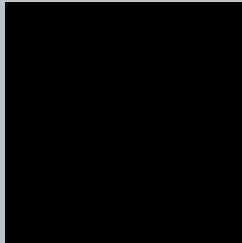
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

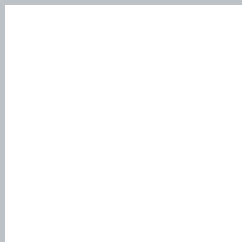
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.685, 236.256

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.685, 236.256.



This preview shows how white text looks on a background with the CIELCh color 78, 2.685, 236.256.

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, 2.685, 236.256

Protanopia

78, 2.427, 317.302

Deuteranopia

78, 10.067, 344.493



Tritanopia
78, 8.059, 285.858

Trichromacy



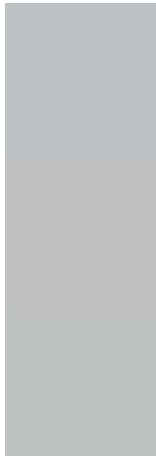
Original Color
78, 2.685, 236.256

Protanomaly
78, 1.649, 277.579

Deuteranomaly
78, 6.568, 332.674

Tritanomaly
78, 5.522, 275.640

Monochromacy



Original Color
78, 2.685, 236.256

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.216, 225.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.685, 236.256 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.685, 236.256 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, 197) }
```

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

```
.border{ border-color:rgb(188, 194, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.685, 236.256 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, 197) }
```

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

```
.background{ background-color: rgb(188,  
194, 197) }
```

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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