

Converting Colors

CIELCh(78, 7.871, 237.656)

Have a look what the booklet for
CIELCh(78, 7.871, 237.656) contains.

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Color

CIELCh(78, 7.863, 236.977)

Conversions

Conversions Part 1

Format	Color
Hex	B2C4CD
RGB	178, 196, 205
RGB Percent	70%, 77%, 80%
CMY	0.3028, 0.2323, 0.1970
CMYK	0.13, 0.04, 0.00, 0.20
HSL	200°, 21%, 75%
HSV	200°, 13%, 80%
XYZ	48.9886, 53.2120, 65.3010
YIQ	191.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

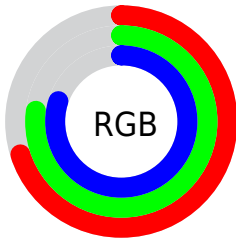
Format	Color
R_{YB}	178, 189, 205
Decimal	11715789
CIE Lab	78.00, -4.29, -6.59
CIE LCh	78, 7.863, 236.977
Yxy	53.2120, 0.2925, 0.3177
Android (android.graphics.Color)	4289905869 (0xFFB2C4CD)
YUV	191.6440, 6.5845, -11.9658
Hunter-Lab	72.9466, -7.7815, -2.0132

Details

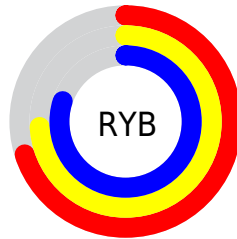
The CIELCh color `78, 7.863, 236.977` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 8.409, 54.599`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 6.561, 208.066`, and `58, 7.974, 239.046` is the 20% darker color. If you saturate the color by 10%, you get `75, 13.532, 238.132`, and if you desaturate by 10%, it is `81, 1.936, 236.199`.

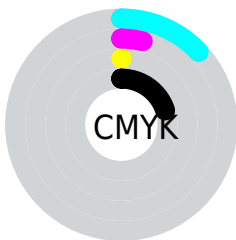
Distribution



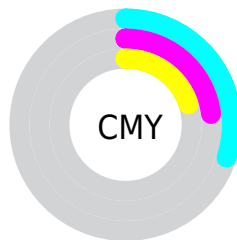
- Red (70%)
- Green (77%)
- Blue (80%)



- Red (70%)
- Yellow (74%)
- Blue (80%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.863, 236.977 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, 7.863, 236.977 by changing the saturation by 10% instead.

■ 78, 7.863, 236.977

■ 78, 7.863, 236.977

■ 100, 7.863,
236.977

■ 68, 7.863, 236.977

■ 98, 7.863, 236.977

■ 58, 7.863, 236.977

■ 48, 7.863, 236.977

■ 38, 7.863, 236.977

■ 28, 7.863, 236.977

■ 18, 7.863, 236.977

■ 8, 7.863, 236.977

■ 0, 7.863, 236.977

■ 78, 7.863, 236.977

■ 78, 7.863, 236.977

75, 13.532,
238.132

81, 1.936, 236.199

72, 18.882,
239.613

85, 4.191, 55.055

69, 23.849,
241.469

88, 10.469, 54.504

66, 28.377,
243.782

93, 16.066, 72.964

63, 32.434,
246.638

94, 17.766, 86.034

60, 36.026,
250.115

96, 20.214, 96.305

58, 39.213,
254.255

98, 23.159,
104.088

56, 42.126,
259.024

99, 25.349,
108.254

54, 44.092,

262.445

Harmonies

Complementary

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



78, 7.863, 236.977



77, 8.409, 54.599

Rectangle

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



78, 7.863, 236.977



78, 7.863, 286.977



78, 7.863, 56.977



78, 7.863, 106.977

Sweetspot

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



78, 7.863, 236.964



98, 2.901, 236.220



80, 14.019, 154.031



52, 2.059, 236.255



0, 0.000, 0.000



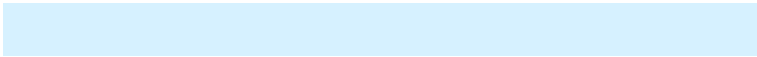
53, 0.007, 296.813

Same Dimension

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



78, 7.863, 236.964



94, 11.333, 237.286



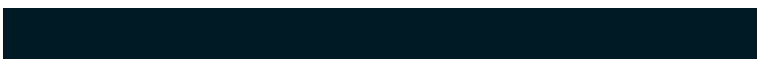
75, 12.013, 282.996



41, 3.398, 236.601



44, 37.345, 261.593



8, 12.412, 249.997

Inverse Universe

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



75, 13.949, 336.574



90, 20.269, 336.805



80, 11.817, 99.898



40, 5.966, 336.286



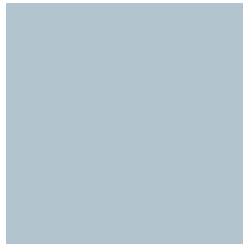
36, 65.625, 347.198



4, 22.155, 342.807

Previews

White Background



This preview shows how the CIELCh color 78, 7.863, 236.977 looks on a white background.

Color Contrast Check

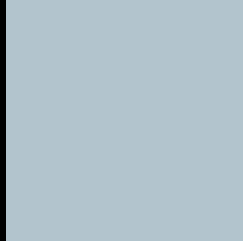
Large Text (above 18pt) WCAG AA × Fail

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, 7.863, 236.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

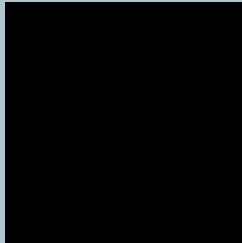
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

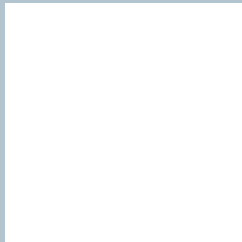
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.863, 236.977

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.863, 236.977.



This preview shows how white text looks on a background with the CIELCh color 78, 7.863, 236.977.

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, 7.863, 236.977

Protanopia

78, 5.957, 297.679

Deuteranopia

78, 12.604, 322.163



Tritanopia
78, 9.658, 255.673

Trichromacy



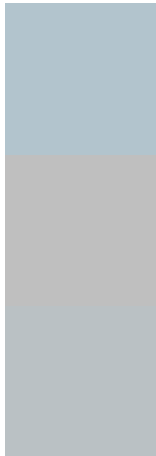
Original Color
78, 7.863, 236.977

Protanomaly
78, 5.735, 268.725

Deuteranomaly
78, 8.797, 302.710

Tritanomaly
78, 8.824, 251.441

Monochromacy



Original Color
78, 7.863, 236.977

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.982, 232.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.863, 236.977 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(178, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 196, 205)  
}
```

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(178, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 196, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.863, 236.977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

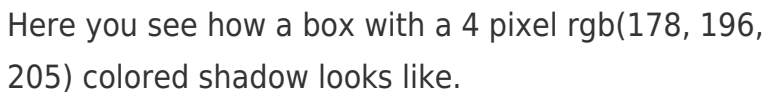
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 196, 205) }
```

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

```
.border{ border-color:rgb(178, 196, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 196,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.863, 236.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 196, 205) }
```

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

```
.background{ background-color: rgb(178,  
196, 205) }
```

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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