

Converting Colors

CIELCh(78, 4.352, 221.533)

Have a look what the booklet for
CIELCh(78, 4.352, 221.533) contains.

CIELCh(78, 4.246, 221.508)	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(78, 4.246, 221.508)

Conversions

Conversions Part 1

Format	Color
Hex	B8C3C6
RGB	184, 195, 198
RGB Percent	72%, 76%, 78%
CMY	0.2790, 0.2358, 0.2241
CMYK	0.07, 0.02, 0.00, 0.22
HSL	193°, 11%, 75%
HSV	193°, 7%, 78%
XYZ	49.3950, 53.2120, 61.0094
YIQ	192.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

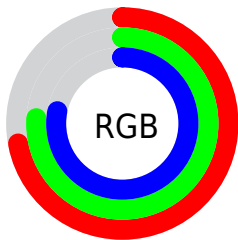
Format	Color
RYB	184, 190, 198
Decimal	12108742
CIELab	78.00, -3.18, -2.81
CIELCh	78, 4.246, 221.508
Yxy	53.2120, 0.3019, 0.3252
Android (android.graphics.Color)	4290298822 (0xFFB8C3C6)
YUV	192.0530, 2.9319, -7.0625
Hunter-Lab	72.9466, -6.7870, 1.4749

Details

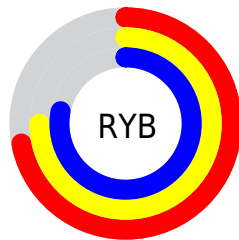
The CIELCh color **78, 4.246, 221.508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 4.429, 40.816**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 4.380, 219.780**, and **58, 4.135, 223.577** is the 20% darker color. If you saturate the color by 10%, you get **75, 9.984, 221.873**, and if you desaturate by 10%, it is **81, 1.790, 40.739**.

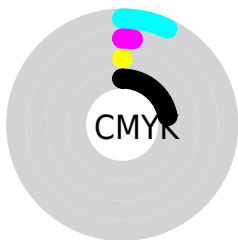
Distribution



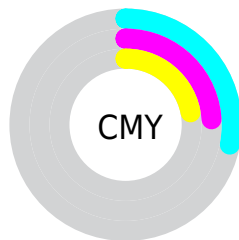
- Red (72%)
- Green (76%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (24%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.246, 221.508 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, 4.246, 221.508 by changing the saturation by 10% instead.

 78, 4.246, 221.508

 78, 4.246, 221.508

 100, 4.246,
221.508

 68, 4.246, 221.508

 98, 4.246, 221.508

 58, 4.246, 221.508

 48, 4.246, 221.508

 38, 4.246, 221.508

 28, 4.246, 221.508

 18, 4.246, 221.508

 8, 4.246, 221.508

 0, 4.246, 221.508

 78, 4.246, 221.508

 78, 4.246, 221.508

75, 9.984, 221.873

81, 1.790, 40.739

73, 15.344,
222.504

83, 8.054, 40.767

71, 20.238,
223.384

86, 14.488, 40.679

69, 24.578,
224.566

88, 18.109, 43.888

67, 28.284,
226.122

90, 17.708, 60.711

65, 31.296,
228.135

91, 18.095, 69.011

63, 33.597,
230.691

93, 19.921, 83.809

61, 35.230,
233.868

60, 36.325,
237.683

Harmonies

Complementary

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



78, 4.246, 221.508



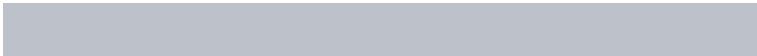
77, 4.429, 40.816

Rectangle

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



78, 4.246, 221.508



78, 4.246, 271.508



78, 4.246, 41.508



78, 4.246, 91.508

Sweetspot

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



78, 4.246, 221.482



99, 1.494, 221.613



79, 7.944, 150.117



53, 0.849, 221.632



0, 0.000, 0.000



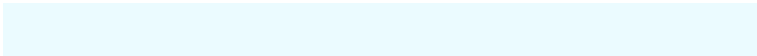
53, 0.007, 296.813

Same Dimension

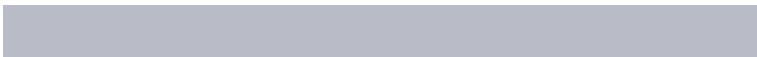
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 4.246, 221.482



97, 5.885, 221.507



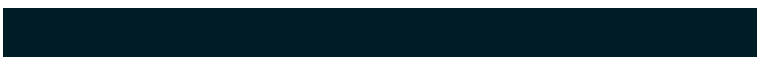
76, 5.462, 274.623



41, 3.399, 221.544



50, 31.682, 238.194



9, 11.136, 228.822

Inverse Universe

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



76, 7.890, 331.426



95, 10.970, 331.497



78, 5.442, 92.806



39, 6.361, 331.582



37, 70.239, 338.902



4, 22.168, 335.731

Previews

White Background



This preview shows how the CIELCh color 78, 4.246, 221.508 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, 4.246, 221.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

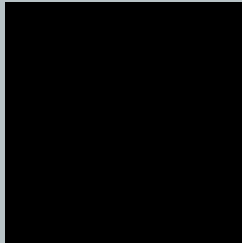
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

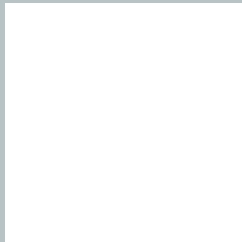
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 4.246, 221.508

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.246, 221.508.



This preview shows how white text looks on a background with the CIELCh color 78, 4.246, 221.508.

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

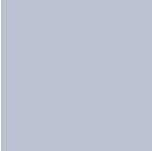
78, 4.246, 221.508

Protanopia

78, 2.427, 317.302

Deuteranopia

78, 10.092, 340.742



Tritanopia
78, 8.869, 274.828

Trichromacy



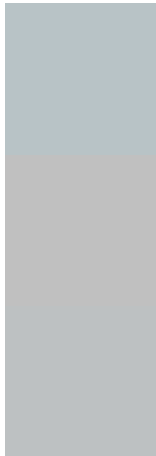
Original Color
78, 4.246, 221.508

Protanomaly
78, 2.257, 271.606

Deuteranomaly
78, 5.874, 324.644

Tritanomaly
78, 6.643, 261.982

Monochromacy



Original Color
78, 4.246, 221.508

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.550, 219.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.246, 221.508 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(184, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 198)  
}
```

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(184, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.246, 221.508 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(184, 195, 198) }
```

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

```
.border{ border-color:rgb(184, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.246, 221.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 198) }
```

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

```
.background{ background-color: rgb(184,  
195, 198) }
```

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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