

Converting Colors

CIELCh(78, 8.429, 255.150)

Have a look what the booklet for
CIELCh(78, 8.429, 255.150) contains.

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Color

CIELCh(78, 8.422, 255.142)

Conversions

Conversions Part 1

Format	Color
Hex	B5C3D0
RGB	181, 195, 208
RGB Percent	71%, 76%, 82%
CMY	0.2914, 0.2365, 0.1856
CMYK	0.13, 0.06, 0.00, 0.19
HSL	209°, 22%, 76%
HSV	209°, 13%, 81%
XYZ	49.7720, 53.2120, 67.1151
YIQ	192.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

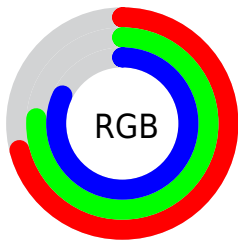
Format	Color
R _Y B	181, 190, 208
Decimal	11912144
CIE Lab	78.00, -2.16, -8.14
CIE LCh	78, 8.422, 255.142
Yxy	53.2120, 0.2926, 0.3128
Android (android.graphics.Color)	4290102224 (0xFFB5C3D0)
YUV	192.2960, 7.7421, -9.9066
Hunter-Lab	72.9466, -5.8646, -3.4877

Details

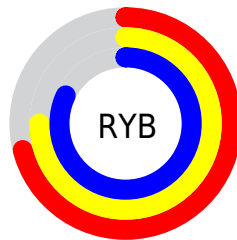
The CIELCh color $78, 8.422, 255.142$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 8.731, 71.778$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 5.343, 215.888$, and $58, 8.687, 257.734$ is the 20% darker color. If you saturate the color by 10%, you get $74, 14.789, 256.717$, and if you desaturate by 10%, it is $82, 1.958, 253.934$.

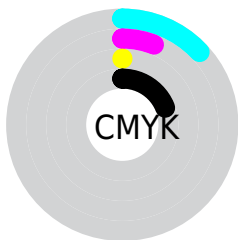
Distribution



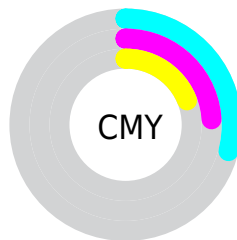
- Red (71%)
- Green (76%)
- Blue (82%)



- Red (71%)
- Yellow (75%)
- Blue (82%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (24%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.422, 255.142 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, 8.422, 255.142 by changing the saturation by 10% instead.

 78, 8.422, 255.142

 78, 8.422, 255.142

 100, 8.422,
255.142

 68, 8.422, 255.142

 98, 8.422, 255.142

 58, 8.422, 255.142

 48, 8.422, 255.142

 38, 8.422, 255.142

 28, 8.422, 255.142

 18, 8.422, 255.142

 8, 8.422, 255.142

 0, 8.422, 255.142

 78, 8.422, 255.142

 78, 8.422, 255.142

74, 14.789,
256.717

82, 1.958, 253.934

70, 21.034,
258.627

86, 4.570, 72.504

66, 27.129,
260.915

90, 11.136, 71.582

62, 33.063,
263.641

94, 15.828, 80.221

58, 38.845,
266.860

96, 19.223, 97.088

55, 44.519,
270.593

99, 23.731,
108.078

51, 50.168,
274.804

99, 23.892,
108.366

48, 55.901,
279.371

46, 60.042,

282.571

Harmonies

Complementary

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



78, 8.422, 255.142



79, 8.731, 71.778

Rectangle

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



78, 8.422, 255.142



78, 8.422, 305.142



78, 8.422, 75.142



78, 8.422, 125.142

Sweetspot

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



78, 8.421, 255.131



98, 3.083, 254.013



81, 12.500, 160.855



52, 2.189, 254.086



0, 0.000, 0.000



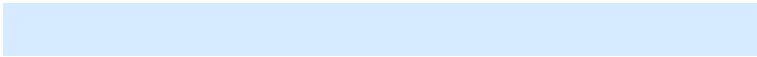
53, 0.007, 296.813

Same Dimension

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



78, 8.421, 255.131



92, 12.218, 255.604



75, 14.118, 290.233



42, 3.706, 254.637



37, 50.616, 281.829



6, 15.802, 270.245

Inverse Universe

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



76, 12.555, 343.712



90, 18.316, 344.006



82, 13.732, 107.532



41, 5.489, 343.387



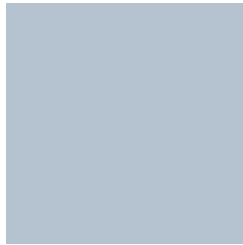
36, 62.347, 359.931



5, 22.007, 352.733

Previews

White Background



This preview shows how the CIELCh color 78, 8.422, 255.142 looks on a white background.

Color Contrast Check

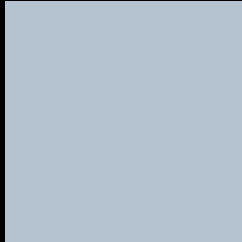
Large Text (above 18pt) WCAG AA × Fail

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, 8.422, 255.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

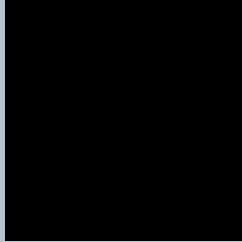
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

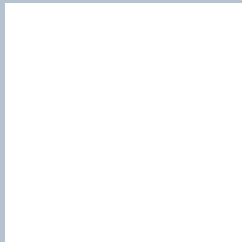
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.422, 255.142

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.422, 255.142.



This preview shows how white text looks on a background with the CIELCh color 78, 8.422, 255.142.

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





Tritanopia
78, 9.601, 262.747

Trichromacy



Original Color
78, 8.422, 255.142

Protanomaly
78, 8.139, 280.885

Deuteranomaly
78, 10.446, 302.912

Tritanomaly
78, 9.139, 261.059

Monochromacy



Original Color
78, 8.422, 255.142

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.210, 256.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.422, 255.142 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(181, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 208)  
}
```

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(181, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.422, 255.142 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(181, 195, 208) }
```

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

```
.border{ border-color:rgb(181, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 195,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.422, 255.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 195, 208) }
```

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

```
.background{ background-color: rgb(181,  
195, 208) }
```

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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