

Converting Colors

CIELCh(78, 8.562, 265.553)

Have a look what the booklet for
CIELCh(78, 8.562, 265.553) contains.

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Color

CIELCh(78, 8.359, 263.300)

Conversions

Conversions Part 1

Format	Color
Hex	B7C2D0
RGB	183, 194, 208
RGB Percent	72%, 76%, 82%
CMY	0.2823, 0.2392, 0.1843
CMYK	0.12, 0.07, 0.00, 0.18
HSL	214°, 21%, 77%
HSV	214°, 12%, 82%
XYZ	50.2121, 53.2120, 67.3064
YIQ	192.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

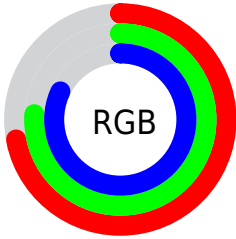
Format	Color
R_{YB}	183, 191, 208
Decimal	12042960
CIE Lab	78.00, -0.98, -8.30
CIE LCh	78, 8.359, 263.300
Yxy	53.2120, 0.2941, 0.3117
Android (android.graphics.Color)	4290233040 (0xFFB7C2D0)
YUV	192.3070, 7.7366, -8.1622
Hunter-Lab	72.9466, -4.7877, -3.6431

Details

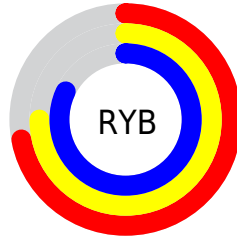
The CIELCh color `78, 8.359, 263.300` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 8.512, 80.058`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 4.526, 233.730`, and `58, 8.688, 266.034` is the 20% darker color. If you saturate the color by 10%, you get `73, 15.308, 264.897`, and if you desaturate by 10%, it is `83, 1.409, 262.100`.

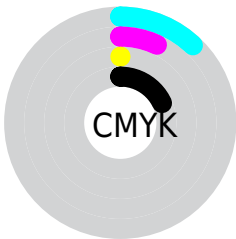
Distribution



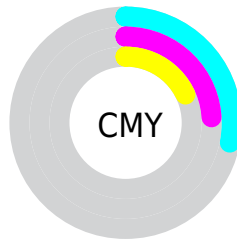
- Red (72%)
- Green (76%)
- Blue (82%)



- Red (72%)
- Yellow (75%)
- Blue (82%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.359, 263.300 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, 8.359, 263.300 by changing the saturation by 10% instead.

■ 78, 8.359, 263.300

■ 78, 8.359, 263.300

■ 100, 8.359,
263.300

■ 68, 8.359, 263.300

■ 98, 8.359, 263.300

■ 58, 8.359, 263.300

■ 48, 8.359, 263.300

■ 38, 8.359, 263.300

■ 28, 8.359, 263.300

■ 18, 8.359, 263.300

■ 8, 8.359, 263.300

■ 0, 8.359, 263.300

■ 78, 8.359, 263.300

■ 78, 8.359, 263.300

73, 15.308,
264.897

83, 1.409, 262.100

69, 22.244,
266.807

87, 5.523, 80.620

92, 12.424, 79.632

64, 29.159,
269.065

95, 17.499, 90.888

60, 36.056,
271.720

98, 22.406,
105.835

56, 42.959,
274.813

99, 23.725,
108.379

52, 49.916,
278.348

48, 56.994,
282.275

44, 64.253,
286.459

41, 70.203,

289.758

Harmonies

Complementary

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



78, 8.359, 263.300



80, 8.512, 80.058

Rectangle

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



78, 8.359, 263.300



78, 8.359, 313.300



78, 8.359, 83.300



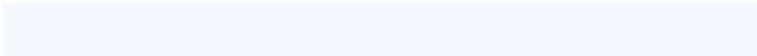
78, 8.359, 133.300

Sweetspot

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



78, 8.358, 263.289



98, 3.286, 262.246



81, 10.892, 165.423



52, 2.334, 262.329



0, 0.000, 0.000



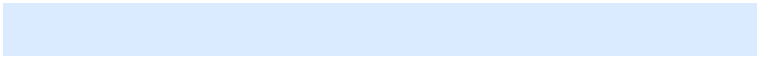
53, 0.007, 296.813

Same Dimension

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



78, 8.358, 263.289



92, 11.485, 263.610



75, 13.522, 293.303



42, 3.963, 262.918



33, 59.033, 289.093



5, 17.506, 276.944

Inverse Universe

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



77, 11.035, 348.043



91, 15.209, 348.256



83, 13.156, 111.083



41, 5.213, 347.787



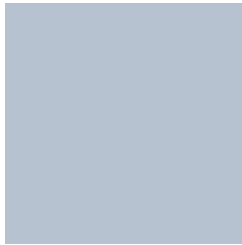
36, 61.851, 7.397



5, 21.280, 357.717

Previews

White Background



This preview shows how the CIELCh color 78, 8.359, 263.300 looks on a white background.

Color Contrast Check

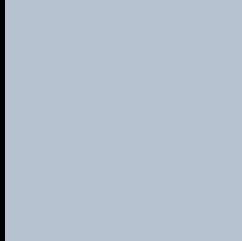
Large Text (above 18pt) WCAG AA × Fail

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, 8.359, 263.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

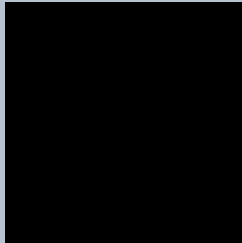
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

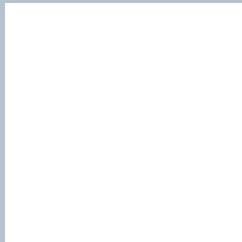
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.359, 263.300

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.359, 263.300.

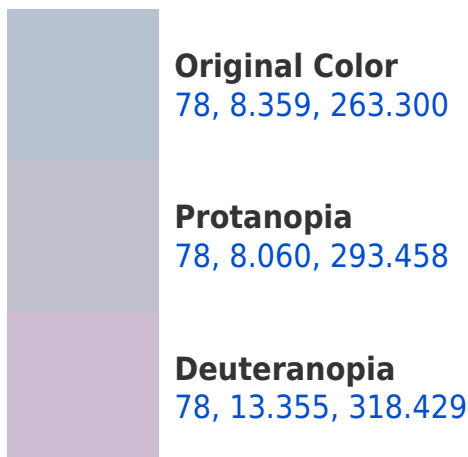


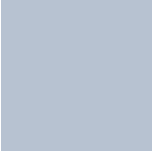
This preview shows how white text looks on a background with the CIELCh color 78, 8.359, 263.300.

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, 8.832, 265.002

Trichromacy



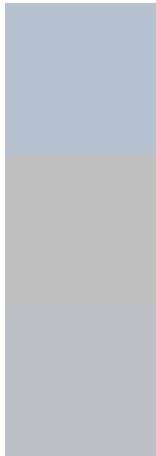
Original Color
78, 8.359, 263.300

Protanomaly
78, 8.092, 283.356

Deuteranomaly
78, 10.446, 302.912

Tritanomaly
78, 8.832, 265.002

Monochromacy



Original Color
78, 8.359, 263.300

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.028, 261.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.359, 263.300 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(183, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 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(183, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.359, 263.300 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(183, 194, 208) }
```

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

```
.border{ border-color:rgb(183, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.359, 263.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 208) }
```

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

```
.background{ background-color: rgb(183,  
194, 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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