

Converting Colors

CIELCh(80, 9.524, 228.537)

Have a look what the booklet for
CIELCh(80, 9.524, 228.537) contains.

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Color

CIELCh(80, 9.507, 229.321)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAD3
RGB	178, 202, 211
RGB Percent	70%, 79%, 83%
CMY	0.3003, 0.2062, 0.1709
CMYK	0.16, 0.04, 0.00, 0.17
HSL	196°, 27%, 76%
HSV	196°, 16%, 83%
XYZ	51.4895, 56.6813, 70.1377
YIQ	195.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

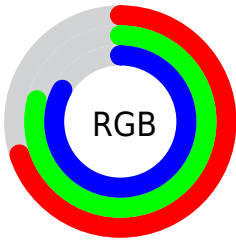
Format	Color
RYB	178, 192, 211
Decimal	11717331
CIELab	80.00, -6.20, -7.21
CIELCh	80, 9.507, 229.321
Yxy	56.6813, 0.2888, 0.3179
Android (android.graphics.Color)	4289907411 (0xFFB2CAD3)
YUV	195.8500, 7.4690, -15.6544
Hunter-Lab	75.2870, -9.6742, -2.5340

Details

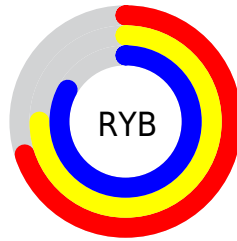
The CIELCh color `80, 9.507, 229.321` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 10.424, 47.337`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 7.186, 199.043`, and `60, 9.623, 230.824` is the 20% darker color. If you saturate the color by 10%, you get `77, 15.176, 230.249`, and if you desaturate by 10%, it is `83, 3.497, 228.669`.

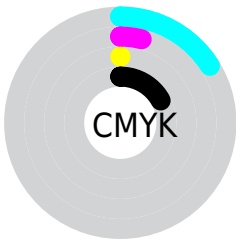
Distribution



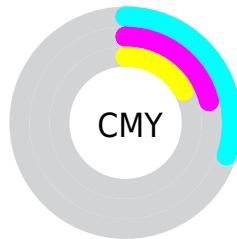
- Red (70%)
- Green (79%)
- Blue (83%)



- Red (70%)
- Yellow (75%)
- Blue (83%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.507, 229.321 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 80, 9.507, 229.321 by changing the saturation by 10% instead.

■ 80, 9.507, 229.321

■ 80, 9.507, 229.321

■ 100, 9.507,
229.321

■ 70, 9.507, 229.321

■ 60, 9.507, 229.321

■ 50, 9.507, 229.321

■ 40, 9.507, 229.321

■ 30, 9.507, 229.321

■ 20, 9.507, 229.321

■ 10, 9.507, 229.321

■ 0, 9.507, 229.321

■ 80, 9.507, 229.321

■ 80, 9.507, 229.321

77, 15.176,
230.249

83, 3.497, 228.669

74, 20.426,
231.480

86, 2.779, 47.755

72, 25.175,
233.068

89, 9.260, 47.461

69, 29.352,
235.095

93, 13.532, 68.371

67, 32.909,
237.653

95, 14.731, 82.013

64, 35.841,
240.832

97, 18.993,
101.455

62, 38.210,
244.697

99, 21.676,
107.859

60, 40.153,
249.246

60, 40.978,

251.330

Harmonies

Complementary

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



80, 9.507, 229.321



78, 10.424, 47.337

Rectangle

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



80, 9.507, 229.321



80, 9.507, 279.321



80, 9.507, 49.321



80, 9.507, 99.321

Sweetspot

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



80, 9.507, 229.310



98, 3.632, 228.650



82, 17.700, 151.877



52, 2.474, 228.675



0, 0.000, 0.000



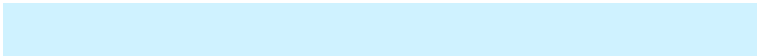
53, 0.007, 296.813

Same Dimension

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



80, 9.507, 229.310



93, 13.346, 229.616



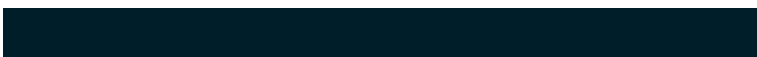
76, 13.839, 280.347



43, 3.475, 228.865



48, 34.376, 250.473



10, 12.446, 239.538

Inverse Universe

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



76, 17.723, 334.238



88, 25.154, 334.496



82, 13.661, 96.482



41, 6.358, 333.796



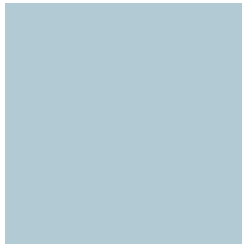
37, 68.932, 342.785



5, 25.211, 339.385

Previews

White Background



This preview shows how the CIELCh color 80, 9.507, 229.321 looks on a white background.

Color Contrast Check

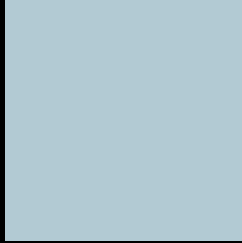
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 9.507, 229.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

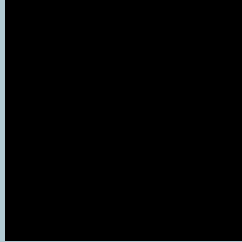
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

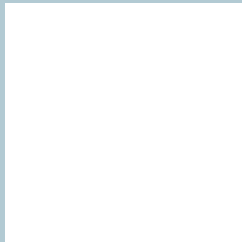
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 9.507, 229.321

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.507, 229.321.



This preview shows how white text looks on a background with the CIELCh color 80, 9.507, 229.321.

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](#).

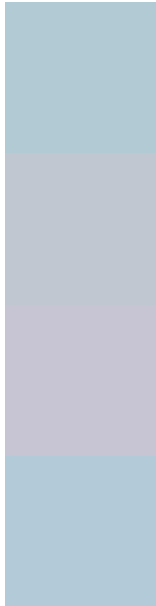
Dichromacy





Tritanopia
80, 11.412, 251.851

Trichromacy



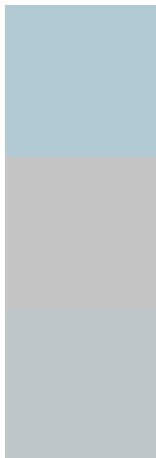
Original Color
80, 9.507, 229.321

Protanomaly
80, 5.838, 265.459

Deuteranomaly
80, 8.622, 298.053

Tritanomaly
80, 10.720, 243.255

Monochromacy



Original Color
80, 9.507, 229.321

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.553, 236.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.507, 229.321 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, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 211)  
}
```

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, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.507, 229.321 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, 202, 211) }
```

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

```
.border{ border-color:rgb(178, 202, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.507, 229.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 211) }
```

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

```
.background{ background-color: rgb(178,  
202, 211) }
```

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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