

Converting Colors

CIELCh(80, 11.285, 243.999)

Have a look what the booklet for
CIELCh(80, 11.285, 243.999)
contains.

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Color

CIELCh(80, 11.302, 244.167)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAD9
RGB	178, 202, 217
RGB Percent	70%, 79%, 85%
CMY	0.3022, 0.2080, 0.1492
CMYK	0.18, 0.07, 0.00, 0.15
HSL	203°, 34%, 77%
HSV	203°, 18%, 85%
XYZ	51.9731, 56.6813, 73.8091
YIQ	196.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

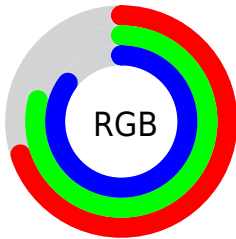
Format	Color
RYB	178, 193, 217
Decimal	11717337
CIELab	80.00, -4.92, -10.17
CIElCh	80, 11.302, 244.167
Yxy	56.6813, 0.2848, 0.3106
Android (android.graphics.Color)	4289907417 (0xFFB2CAD9)
YUV	196.5340, 10.0897, -16.2543
Hunter-Lab	75.2870, -8.5277, -5.4252

Details

The CIELCh color `80, 11.302, 244.167` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 12.257, 60.249`, 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, 11.203, 243.992` is the 20% darker color. If you saturate the color by 10%, you get `76, 17.269, 245.686`, and if you desaturate by 10%, it is `84, 5.094, 242.950`.

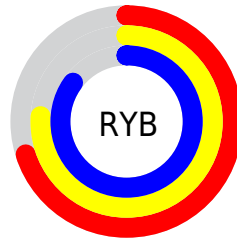
Distribution



Red (70%)

Green (79%)

Blue (85%)



Red (70%)

Yellow (76%)

Blue (85%)

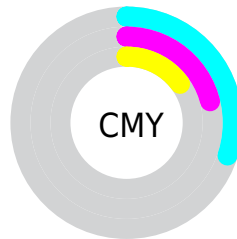


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (30%)


Magenta (21%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 11.302, 244.167 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, 11.302, 244.167 by changing the saturation by 10% instead.


 80, 11.302,
244.167


 80, 11.302,
244.167


 100, 11.302,
244.167


 70, 11.302,
244.167


 60, 11.302,
244.167

 50, 11.302,
244.167

 40, 11.302,
244.167

 30, 11.302,
244.167

 20, 11.302,
244.167

 10, 11.302,

244.167

0, 11.302, 244.167

80, 11.302,
244.167

80, 11.302,
244.167

76, 17.269,
245.686

84, 5.094, 242.950

73, 22.941,
247.570

87, 1.302, 61.450

91, 7.839, 60.905

69, 28.272,
249.882

94, 11.914, 71.693

66, 33.229,
252.702

96, 14.244, 91.984

98, 17.794,
105.258

63, 37.813,
256.102

99, 19.237,

■ 60, 42.075,
260.120

108.722

■ 57, 46.123,
264.727

■ 54, 50.133,
269.752

■ 54, 50.974,
270.744

Harmonies

Complementary

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



80, 11.302, 244.167



80, 12.257, 60.249

Rectangle

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



80, 11.302, 244.167



80, 11.302, 294.167



80, 11.302, 64.167



80, 11.302, 114.167

Sweetspot

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



80, 11.301, 244.158



98, 3.658, 242.680



83, 19.072, 156.449



52, 2.493, 242.739



0, 0.000, 0.000



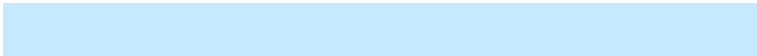
53, 0.007, 296.813

Same Dimension

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



80, 11.301, 244.158



91, 15.654, 244.764



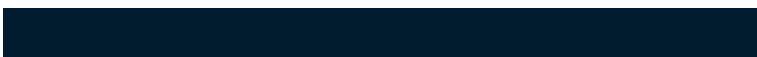
75, 18.649, 287.152



44, 3.650, 243.105



43, 42.630, 269.898



9, 15.143, 259.204

Inverse Universe

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



77, 19.295, 339.282



86, 26.985, 339.642



85, 18.092, 103.058



43, 6.106, 338.583



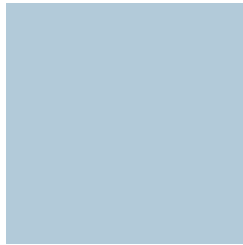
38, 65.972, 351.429



6, 26.574, 346.421

Previews

White Background



This preview shows how the CIE LCh color 80, 11.302, 244.167 looks on a white background.

Color Contrast Check

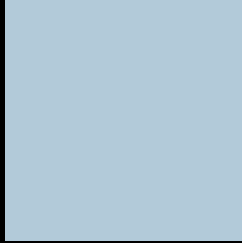
Large Text (above 18pt) WCAG AA × Fail

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, 11.302, 244.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

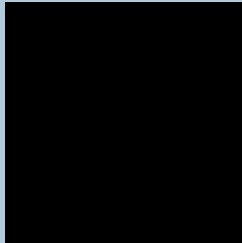
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

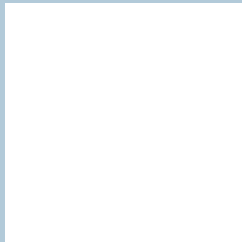
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 11.302, 244.167

Background



This preview shows how black text looks on a background with the CIELCh color 80, 11.302, 244.167.



This preview shows how white text looks on a background with the CIELCh color 80, 11.302, 244.167.

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](#).

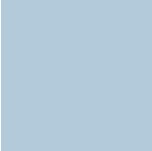
Dichromacy



Original Color
80, 11.302, 244.167

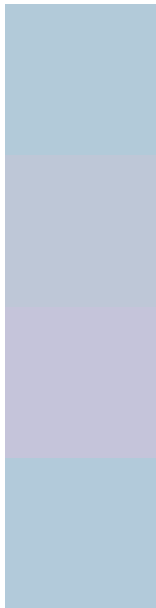
Protanopia
80, 9.066, 290.993

Deuteranopia
80, 14.924, 312.207



Tritanopia
80, 11.659, 246.172

Trichromacy



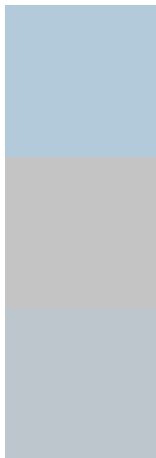
Original Color
80, 11.302, 244.167

Protanomaly
80, 9.023, 270.527

Deuteranomaly
80, 11.750, 292.936

Tritanomaly
80, 11.659, 246.172

Monochromacy



Original Color
80, 11.302, 244.167

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.498, 244.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 11.302, 244.167 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 11.302, 244.167 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, 217) }
```

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

```
.border{ border-color:rgb(178, 202, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 11.302, 244.167 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, 217) }
```

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

```
.background{ background-color: rgb(178,  
202, 217) }
```

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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