

Converting Colors

CIELCh(80, 10.927, 243.862)

Have a look what the booklet for
CIELCh(80, 10.927, 243.862)
contains.

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Color

CIELCh(80, 10.720, 243.255)

Conversions

Conversions Part 1

Format	Color
Hex	B3CAD8
RGB	179, 202, 216
RGB Percent	70%, 79%, 85%
CMY	0.2986, 0.2084, 0.1536
CMYK	0.17, 0.06, 0.00, 0.15
HSL	203°, 32%, 77%
HSV	203°, 17%, 85%
XYZ	52.0115, 56.6813, 73.0562
YIQ	196.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

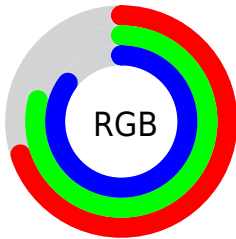
Format	Color
R _Y B	179, 193, 216
Decimal	11782872
CIE Lab	80.00, -4.82, -9.57
CIE LCh	80, 10.720, 243.255
Yxy	56.6813, 0.2862, 0.3119
Android (android.graphics.Color)	4289972952 (0xFFB3CAD8)
YUV	196.7190, 9.5055, -15.5396
Hunter-Lab	75.2870, -8.4367, -4.8323

Details

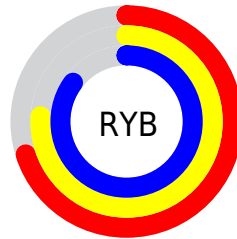
The CIELCh color `80, 10.720, 243.255` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 11.596, 59.597`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `60, 10.600, 242.930` is the 20% darker color. If you saturate the color by 10%, you get `76, 16.658, 244.723`, and if you desaturate by 10%, it is `84, 4.538, 242.089`.

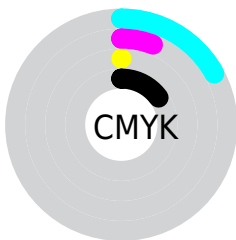
Distribution



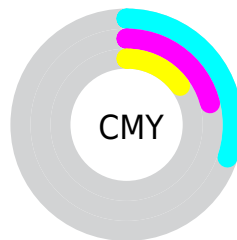
- Red (70%)
- Green (79%)
- Blue (85%)



- Red (70%)
- Yellow (76%)
- Blue (85%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (30%)
- Magenta (21%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 10.720, 243.255 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, 10.720, 243.255 by changing the saturation by 10% instead.


 80, 10.720,
243.255


 80, 10.720,
243.255


 100, 10.720,
243.255


 70, 10.720,
243.255


 60, 10.720,
243.255

 50, 10.720,
243.255

 40, 10.720,
243.255

 30, 10.720,
243.255

 20, 10.720,
243.255

 10, 10.720,

243.255

0, 10.720, 243.255

80, 10.720,
243.255

80, 10.720,
243.255

76, 16.658,
244.723

84, 4.538, 242.089

73, 22.299,
246.551

87, 1.833, 60.718

91, 8.346, 60.102

70, 27.592,
248.800

94, 12.233, 70.965

66, 32.501,
251.550

96, 14.424, 90.631

98, 17.807,
103.855

63, 37.022,
254.877

99, 19.794,

■ 60, 41.198,
258.825

108.680

■ 57, 45.133,
263.379

■ 55, 48.992,
268.398

■ 54, 50.132,
269.810

Harmonies

Complementary

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



80, 10.720, 243.255



80, 11.596, 59.597

Rectangle

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



80, 10.720, 243.255



80, 10.720, 293.255



80, 10.720, 63.255



80, 10.720, 113.255

Sweetspot

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



80, 10.719, 243.246



98, 3.651, 241.907



83, 18.340, 155.792



52, 2.488, 241.964



0, 0.000, 0.000



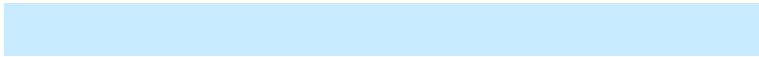
53, 0.007, 296.813

Same Dimension

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



80, 10.719, 243.246



91, 14.927, 243.807



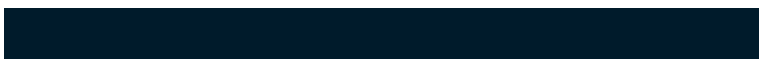
75, 17.356, 286.211



43, 3.572, 242.320



43, 41.616, 268.916



9, 14.398, 257.510

Inverse Universe

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



77, 18.391, 338.919



87, 25.856, 339.259



84, 16.893, 102.269



42, 6.015, 338.293



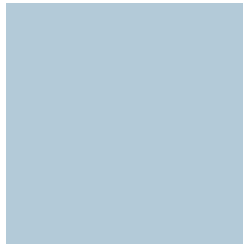
37, 65.466, 350.872



5, 25.120, 345.898

Previews

White Background



This preview shows how the CIELCh color 80, 10.720, 243.255 looks on a white background.

Color Contrast Check

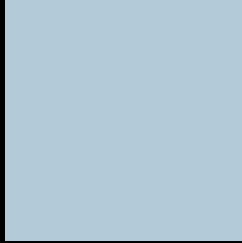
Large Text (above 18pt) WCAG AA × Fail

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, 10.720, 243.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

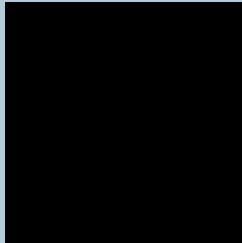
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

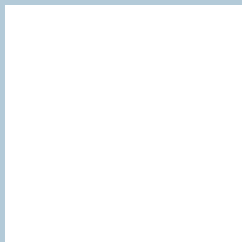
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 10.720, 243.255

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.720, 243.255.



This preview shows how white text looks on a background with the CIELCh color 80, 10.720, 243.255.

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, 11.438, 247.392

Trichromacy



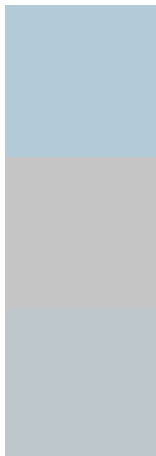
Original Color
80, 10.720, 243.255

Protanomaly
80, 8.529, 269.191

Deuteranomaly
80, 11.218, 292.975

Tritanomaly
80, 11.072, 245.389

Monochromacy



Original Color
80, 10.720, 243.255

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.146, 239.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.720, 243.255 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(179, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 216)  
}
```

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(179, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.720, 243.255 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(179, 202, 216) }
```

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

```
.border{ border-color:rgb(179, 202, 216) }
```

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

Here you see how a box with a 4 pixel rgb(179, 202, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(179, 202,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.720, 243.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 216) }
```

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

```
.background{ background-color: rgb(179,  
202, 216) }
```

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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