

Converting Colors

CIELCh(81, 9.810, 253.231)

Have a look what the booklet for
CIELCh(81, 9.810, 253.231) contains.

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Color

CIELCh(81, 9.785, 253.944)

Conversions

Conversions Part 1

Format	Color
Hex	BACBDA
RGB	186, 203, 218
RGB Percent	73%, 80%, 85%
CMY	0.2690, 0.2023, 0.1435
CMYK	0.15, 0.07, 0.00, 0.14
HSL	208°, 30%, 79%
HSV	208°, 15%, 86%
XYZ	54.5028, 58.4711, 75.0191
YIQ	199.6270, -14.9470, 1.0610

Conversions

Conversions Part 2

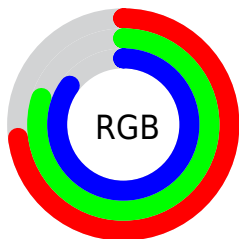
Format	Color
R _Y B	186, 197, 218
Decimal	12241882
CIE Lab	81.00, -2.71, -9.40
CIE LCh	81, 9.785, 253.944
Yxy	58.4711, 0.2899, 0.3110
Android (android.graphics.Color)	4290431962 (0xFFBACBDA)
YUV	199.6270, 9.0579, -11.9509
Hunter-Lab	76.4664, -6.5871, -4.6413

Details

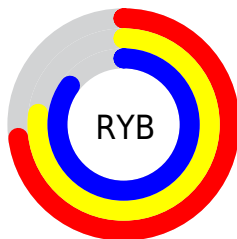
The CIELCh color $81, 9.785, 253.944$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 10.231, 70.187$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.482, 199.269$, and $61, 9.641, 254.214$ is the 20% darker color. If you saturate the color by 10%, you get $77, 16.314, 255.561$, and if you desaturate by 10%, it is $85, 3.134, 252.648$.

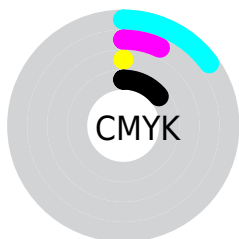
Distribution



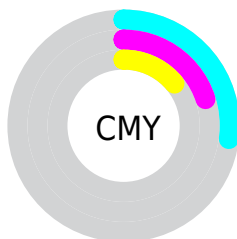
- Red (73%)
- Green (80%)
- Blue (85%)



- Red (73%)
- Yellow (77%)
- Blue (85%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.785, 253.944 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 81, 9.785, 253.944 by changing the saturation by 10% instead.



81, 9.785, 253.944

81, 9.785, 253.944

77, 16.314,
255.561

85, 3.134, 252.648

73, 22.689,
257.524

89, 3.602, 71.238

69, 28.883,
259.880

94, 10.394, 70.331

65, 34.883,
262.695

99, 18.299,
108.311

61, 40.700,
266.022

99, 18.504,
108.778

57, 46.387,
269.877

54, 52.038,
274.217

51, 57.777,
278.901

■ 49, 60.942,
281.379

Harmonies

Complementary

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



81, 9.785, 253.944



82, 10.231, 70.187

Rectangle

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



81, 9.785, 253.944



81, 9.785, 303.944



81, 9.785, 73.944



81, 9.785, 123.944

Sweetspot

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



81, 9.784, 253.934



98, 3.056, 252.591



85, 14.683, 160.699



52, 2.170, 252.662



0, 0.000, 0.000



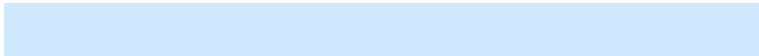
53, 0.007, 296.813

Same Dimension

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



81, 9.784, 253.934



91, 13.586, 254.468



77, 16.637, 290.440



44, 3.819, 253.209



39, 50.546, 280.583



8, 17.238, 270.398

Inverse Universe

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



79, 14.898, 343.194



88, 20.816, 343.517



86, 16.126, 107.362



43, 5.759, 342.725



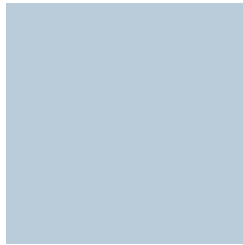
37, 63.918, 358.857



6, 25.411, 352.282

Previews

White Background



This preview shows how the CIELCh color 81, 9.785, 253.944 looks on a white background.

Color Contrast Check

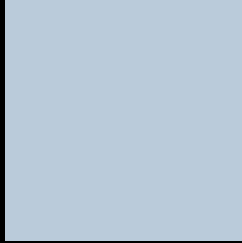
Large Text (above 18pt) WCAG AA × Fail

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 81, 9.785, 253.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

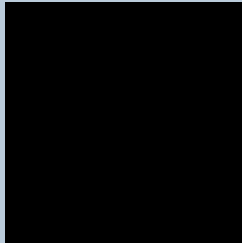
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

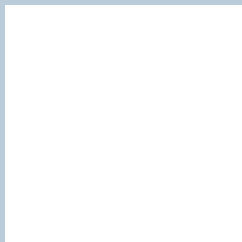
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.785, 253.944

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.785, 253.944.



This preview shows how white text looks on a background with the CIELCh color 81, 9.785, 253.944.

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
81, 10.025, 257.449

Trichromacy



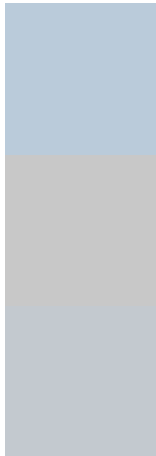
Original Color
81, 9.785, 253.944

Protanomaly
81, 8.721, 276.982

Deuteranomaly
81, 11.346, 300.091

Tritanomaly
81, 10.025, 257.449

Monochromacy



Original Color
81, 9.785, 253.944

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.818, 256.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.785, 253.944 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(186, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 218)  
}
```

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(186, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.785, 253.944 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(186, 203, 218) }
```

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

```
.border{ border-color:rgb(186, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.785, 253.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 218) }
```

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

```
.background{ background-color: rgb(186,  
203, 218) }
```

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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