

Converting Colors

CIELCh(81, 4.536, 252.569)

Have a look what the booklet for
CIELCh(81, 4.536, 252.569) contains.

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Color

CIELCh(81, 4.645, 252.692)

Conversions

Conversions Part 1

Format	Color
Hex	C2CAD1
RGB	194, 202, 209
RGB Percent	76%, 79%, 82%
CMY	0.2383, 0.2069, 0.1794
CMYK	0.07, 0.03, 0.00, 0.18
HSL	208°, 14%, 79%
HSV	208°, 7%, 82%
XYZ	55.0258, 58.4711, 68.8651
YIQ	200.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

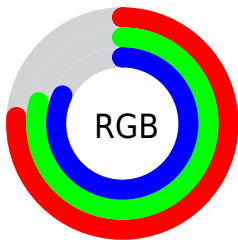
Format	Color
RYB	194, 199, 209
Decimal	12765905
CIELab	81.00, -1.38, -4.43
CIELCh	81, 4.645, 252.692
Yxy	58.4711, 0.3017, 0.3206
Android (android.graphics.Color)	4290955985 (0xFFC2CAD1)
YUV	200.4060, 4.2368, -5.6181
Hunter-Lab	76.4664, -5.3663, 0.1303

Details

The CIELCh color $81, 4.645, 252.692$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.734, 70.780$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.389, 199.794$, and $61, 4.901, 252.978$ is the 20% darker color. If you saturate the color by 10%, you get $77, 11.029, 254.048$, and if you desaturate by 10%, it is $85, 1.834, 71.155$.

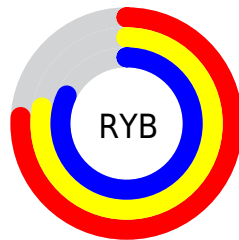
Distribution



Red (76%)

Green (79%)

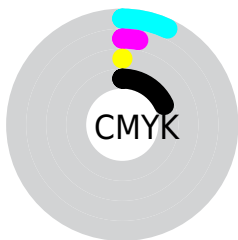
Blue (82%)



Red (76%)

Yellow (78%)

Blue (82%)

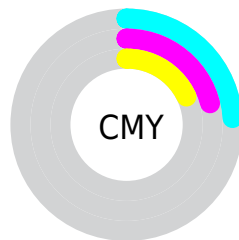


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.645, 252.692 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, 4.645, 252.692 by changing the saturation by 10% instead.

■ 81, 4.645, 252.692

■ 81, 4.645, 252.692

■ 100, 4.645,
252.692

■ 71, 4.645, 252.692

■ 61, 4.645, 252.692

■ 51, 4.645, 252.692

■ 41, 4.645, 252.692

■ 31, 4.645, 252.692

■ 21, 4.645, 252.692

■ 11, 4.645, 252.692

■ 1, 4.645, 252.692

■ 0, 4.645, 252.692

81, 4.645, 252.692

81, 4.645, 252.692

77, 11.029,
254.048

85, 1.834, 71.155

73, 17.287,
255.746

89, 8.375, 70.310

69, 23.386,
257.790

93, 14.467, 71.777

65, 29.301,
260.242

98, 21.226,
104.568

61, 35.024,
263.166

99, 23.108,
108.426

58, 40.576,
266.608

54, 46.014,
270.576

51, 51.438,
275.006

■ 48, 56.975,
279.719

Harmonies

Complementary

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



81, 4.645, 252.692



82, 4.734, 70.780

Rectangle

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



81, 4.645, 252.692



81, 4.645, 302.692



81, 4.645, 72.692



81, 4.645, 122.692

Sweetspot

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



81, 4.644, 252.668



99, 1.532, 252.245



83, 7.014, 160.542



53, 0.871, 252.249



0, 0.000, 0.000



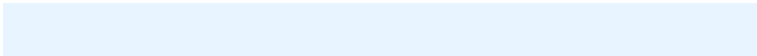
53, 0.007, 296.813

Same Dimension

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



81, 4.644, 252.668



96, 6.833, 252.907



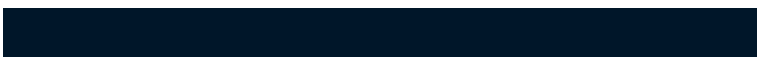
79, 7.617, 288.865



42, 3.666, 252.946



38, 49.113, 280.220



7, 15.483, 268.696

Inverse Universe

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



80, 6.994, 342.403



94, 10.330, 342.576



83, 7.496, 107.380



41, 5.545, 342.604



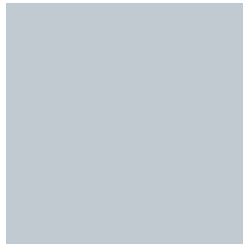
36, 62.578, 358.554



5, 22.174, 351.752

Previews

White Background



This preview shows how the CIELCh color 81, 4.645, 252.692 looks on a white background.

Color Contrast Check

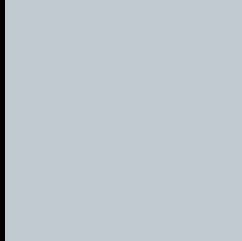
Large Text (above 18pt) WCAG AA × Fail

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, 4.645, 252.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

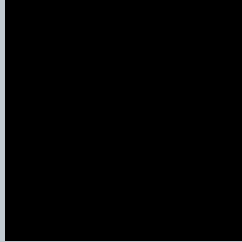
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

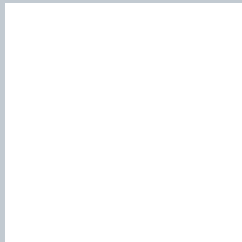
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.645, 252.692

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.645, 252.692.



This preview shows how white text looks on a background with the CIELCh color 81, 4.645, 252.692.

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, 8.651, 279.233

Trichromacy



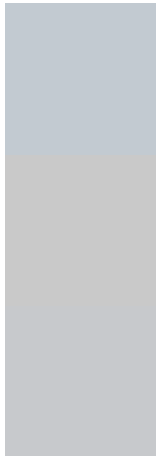
Original Color
81, 4.645, 252.692

Protanomaly
81, 3.782, 279.586

Deuteranomaly
81, 7.373, 320.026

Tritanomaly
81, 7.190, 273.678

Monochromacy



Original Color
81, 4.645, 252.692

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.747, 265.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.645, 252.692 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(194, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 209)  
}
```

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(194, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.645, 252.692 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(194, 202, 209) }
```

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

```
.border{ border-color:rgb(194, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.645, 252.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 209) }
```

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

```
.background{ background-color: rgb(194,  
202, 209) }
```

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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