

Converting Colors

CIELCh(81, 5.372, 204.800)

Have a look what the booklet for
CIELCh(81, 5.372, 204.800) contains.

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Color

CIELCh(81, 5.372, 204.800)

Conversions

Conversions Part 1

Format	Color
Hex	BDCCCD
RGB	189, 204, 205
RGB Percent	74%, 80%, 80%
CMY	0.2585, 0.1996, 0.1957
CMYK	0.08, 0.00, 0.00, 0.20
HSL	184°, 14%, 77%
HSV	184°, 8%, 80%
XYZ	53.6530, 58.4711, 66.2733
YIQ	199.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

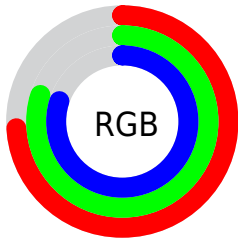
Format	Color
RYB	189, 197, 205
Decimal	12438733
CIELab	81.00, -4.88, -2.25
CIElCh	81, 5.372, 204.800
Yxy	58.4711, 0.3008, 0.3278
Android (android.graphics.Color)	4290628813 (0xFFBDCCCD)
YUV	199.6290, 2.6479, -9.3216
Hunter-Lab	76.4664, -8.5708, 2.1400

Details

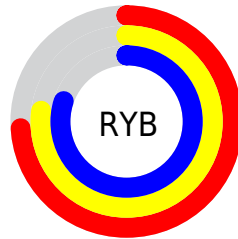
The CIELCh color `81, 5.372, 204.800` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 5.647, 25.148`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.457, 199.378`, and `61, 5.283, 205.133` is the 20% darker color. If you saturate the color by 10%, you get `79, 11.918, 204.452`, and if you desaturate by 10%, it is `83, 1.549, 24.643`.

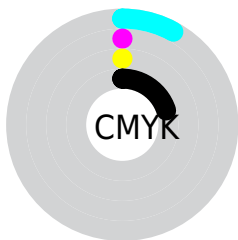
Distribution



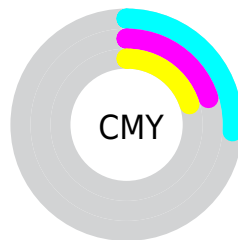
- Red (74%)
- Green (80%)
- Blue (80%)



- Red (74%)
- Yellow (77%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 5.372, 204.800 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, 5.372, 204.800 by changing the saturation by 10% instead.

■ 81, 5.372, 204.800

■ 81, 5.372, 204.800

■ 100, 5.372,
204.800

■ 71, 5.372, 204.800

■ 61, 5.372, 204.800

■ 51, 5.372, 204.800

■ 41, 5.372, 204.800

■ 31, 5.372, 204.800

■ 21, 5.372, 204.800

■ 11, 5.372, 204.800

■ 1, 5.372, 204.800

■ 0, 5.372, 204.800

81, 5.372, 204.800

81, 5.372, 204.800

79, 11.918,
204.452

83, 1.549, 24.643

78, 17.981,
204.245

85, 8.751, 25.327

76, 23.448,
204.145

87, 16.152, 25.776

75, 28.206,
204.166

88, 17.439, 27.637

74, 32.156,
204.328

88, 17.065, 29.973

73, 35.225,
204.652

88, 16.722, 32.409

72, 37.382,
205.160

89, 16.411, 34.942

72, 38.650,
205.870

89, 16.135, 37.568

89, 15.894, 40.279

■ 71, 39.149,
206.784

Harmonies

Complementary

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



81, 5.372, 204.800



78, 5.647, 25.148

Rectangle

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



81, 5.372, 204.800



81, 5.372, 254.800



81, 5.372, 24.800



81, 5.372, 74.800

Sweetspot

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



81, 5.373, 204.781



100, 1.666, 205.262



81, 10.037, 145.376



53, 0.947, 205.287



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, 5.373, 204.781



98, 7.371, 204.727



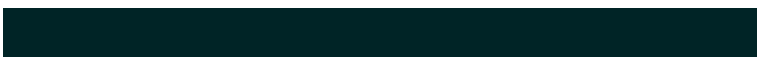
79, 5.316, 261.718



42, 3.873, 204.716



58, 33.509, 206.823



12, 12.658, 204.513

Inverse Universe

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



78, 9.972, 326.569



94, 13.737, 326.647



80, 5.375, 79.596



40, 7.225, 326.664



39, 79.751, 330.854



5, 27.623, 329.601

Previews

White Background



This preview shows how the CIELCh color 81, 5.372, 204.800 looks on a white background.

Color Contrast Check

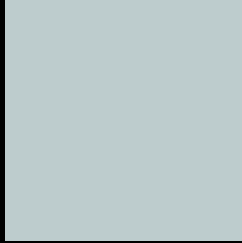
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 5.372, 204.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

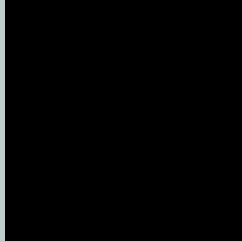
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

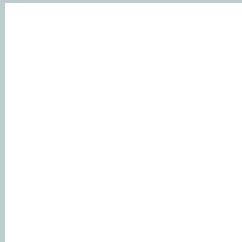
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 5.372, 204.800

Background



This preview shows how black text looks on a background with the CIELCh color 81, 5.372, 204.800.

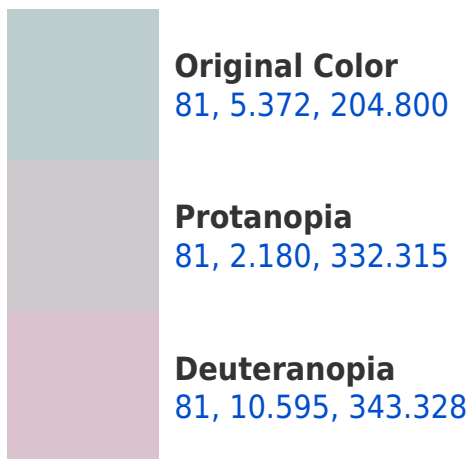


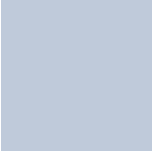
This preview shows how white text looks on a background with the CIELCh color 81, 5.372, 204.800.

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](#).

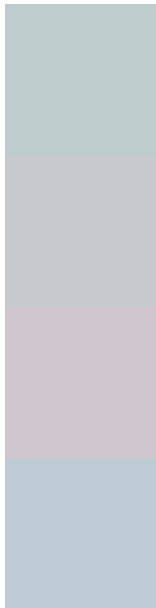
Dichromacy





Tritanopia
81, 9.246, 266.468

Trichromacy



Original Color
81, 5.372, 204.800

Protanomaly
81, 1.747, 265.894

Deuteranomaly
81, 5.401, 327.809

Tritanomaly
81, 6.931, 249.415

Monochromacy



Original Color
81, 5.372, 204.800

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.880, 216.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 5.372, 204.800 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(189, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(189, 204, 205)  
}
```

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(189, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 5.372, 204.800 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(189, 204, 205) }
```

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

```
.border{ border-color:rgb(189, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 5.372, 204.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 205) }
```

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

```
.background{ background-color: rgb(189,  
204, 205) }
```

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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