

Converting Colors

CIELCh(81, 9.964, 319.503)

Have a look what the booklet for
CIELCh(81, 9.964, 319.503) contains.

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Color

CIELCh(81, 9.760, 319.495)

Conversions

Conversions Part 1

Format	Color
Hex	D2C5D5
RGB	210, 197, 213
RGB Percent	82%, 77%, 84%
CMY	0.1763, 0.2272, 0.1645
CMYK	0.01, 0.08, 0.00, 0.16
HSL	289°, 16%, 80%
HSV	289°, 8%, 84%
XYZ	58.5871, 58.4711, 71.1826
YIQ	202.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

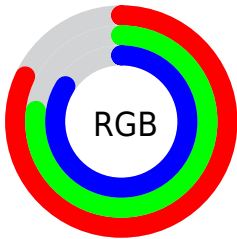
Format	Color
R _Y B	210, 197, 213
Decimal	13813205
CIE Lab	81.00, 7.42, -6.34
CIE LCh	81, 9.760, 319.495
Yxy	58.4711, 0.3112, 0.3106
Android (android.graphics.Color)	4292003285 (0xFFD2C5D5)
YUV	202.7110, 5.0725, 6.3925
Hunter-Lab	76.4664, 2.9471, -1.6666

Details

The CIELCh color `81, 9.760, 319.495` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 9.710, 138.860`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.630, 323.973`, and `61, 9.839, 321.182` is the 20% darker color. If you saturate the color by 10%, you get `75, 22.933, 319.958`, and if you desaturate by 10%, it is `87, 3.191, 139.146`.

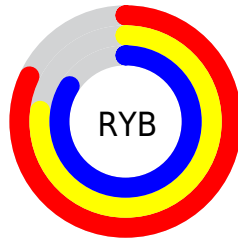
Distribution



Red (82%)

Green (77%)

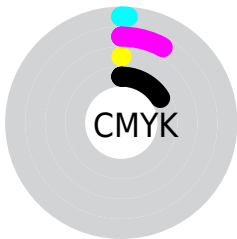
Blue (84%)



Red (82%)

Yellow (77%)

Blue (84%)

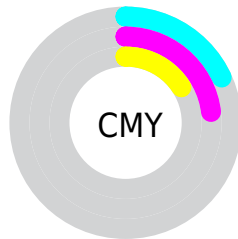


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.760, 319.495 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, 9.760, 319.495 by changing the saturation by 10% instead.

■ 81, 9.760, 319.495

■ 81, 9.760, 319.495

■ 100, 9.760,
319.495

■ 71, 9.760, 319.495

■ 61, 9.760, 319.495

■ 51, 9.760, 319.495

■ 41, 9.760, 319.495

■ 31, 9.760, 319.495

■ 21, 9.760, 319.495

■ 11, 9.760, 319.495

■ 1, 9.760, 319.495

■ 0, 9.760, 319.495

81, 9.760, 319.495

81, 9.760, 319.495

75, 22.933,
319.958

87, 3.191, 139.146

70, 36.203,
320.411

93, 15.836,
138.669

65, 49.359,
320.841

97, 24.523,
137.599

60, 62.090,
321.226

97, 23.834,
134.702

55, 73.962,
321.534

97, 23.208,
131.610

51, 84.425,
321.725

98, 22.654,
128.325

48, 92.875,
321.756

98, 22.178,
124.857

46, 98.795,
321.585

98, 21.788,
121.222

■ 44, 102.052,
321.193

■ 98, 21.492,
117.442

Harmonies

Complementary

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



81, 9.760, 319.495



84, 9.710, 138.860

Rectangle

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



81, 9.760, 319.495



81, 9.760, 9.495



81, 9.760, 139.495



81, 9.760, 189.495

Sweetspot

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



81, 9.758, 319.494



99, 2.998, 319.188



81, 6.882, 281.310



53, 1.705, 319.179



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, 9.758, 319.494



94, 13.551, 319.569



81, 8.365, 334.754



42, 7.420, 319.584



35, 87.068, 321.183



5, 31.619, 321.187

Inverse Universe

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



81, 6.136, 4.807



94, 8.546, 4.978



84, 8.325, 153.808



42, 4.683, 5.013



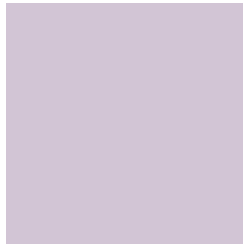
35, 69.193, 30.035



5, 22.038, 11.419

Previews

White Background



This preview shows how the CIELCh color 81, 9.760, 319.495 looks on a white background.

Color Contrast Check

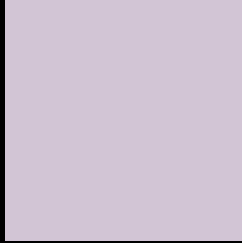
Large Text (above 18pt) WCAG AA × Fail

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, 9.760, 319.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

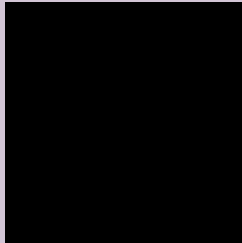
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

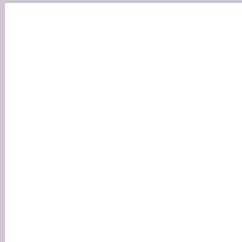
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.760, 319.495

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.760, 319.495.



This preview shows how white text looks on a background with the CIELCh color 81, 9.760, 319.495.

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


81, 9.760, 319.495

Protanopia

81, 7.991, 293.431

Deuteranopia

81, 12.046, 327.784



Tritanopia
81, 9.760, 319.495

Trichromacy



Original Color
81, 9.760, 319.495

Protanomaly
81, 8.204, 303.428

Deuteranomaly
81, 10.976, 324.854

Tritanomaly
81, 9.760, 319.495

Monochromacy



Original Color
81, 9.760, 319.495

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.691, 319.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.760, 319.495 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(210, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(210, 197, 213)  
}
```

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(210, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 197, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.760, 319.495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

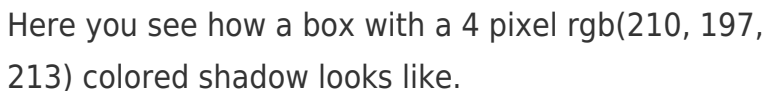
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 197, 213) }
```

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

```
.border{ border-color:rgb(210, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(210, 197,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.760, 319.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 197, 213) }
```

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

```
.background{ background-color: rgb(210,  
197, 213) }
```

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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