

Converting Colors

CIELCh(81, 19.601, 302.964)

Have a look what the booklet for
CIELCh(81, 19.601, 302.964)
contains.

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Color

CIELCh(81, 19.601, 302.964)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4E8
RGB	207, 196, 232
RGB Percent	81%, 77%, 91%
CMY	0.1888, 0.2320, 0.0908
CMYK	0.11, 0.16, 0.00, 0.09
HSL	258°, 44%, 84%
HSV	258°, 16%, 91%
XYZ	59.9373, 58.4711, 84.3538
YIQ	203.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

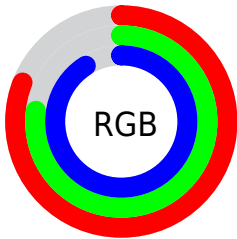
Format	Color
R _Y B	207, 196, 232
Decimal	13616360
CIE Lab	81.00, 10.67, -16.45
CIE LCh	81, 19.601, 302.964
Yxy	58.4711, 0.2956, 0.2884
Android (android.graphics.Color)	4291806440 (0xFFCFC4E8)
YUV	203.3930, 14.1033, 3.1633
Hunter-Lab	76.4664, 6.0990, -11.8792

Details

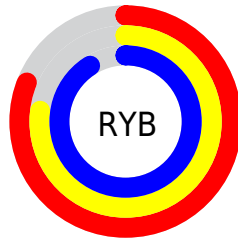
The CIELCh color `81, 19.601, 302.964` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 19.025, 121.123`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.250, 324.238`, and `61, 19.586, 302.801` is the 20% darker color. If you saturate the color by 10%, you get `74, 32.793, 303.688`, and if you desaturate by 10%, it is `88, 6.857, 302.318`.

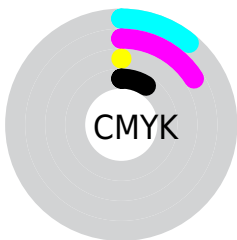
Distribution



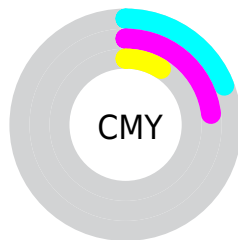
- Red (81%)
- Green (77%)
- Blue (91%)



- Red (81%)
- Yellow (77%)
- Blue (91%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)





- Cyan (19%)
- Magenta (23%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 19.601, 302.964 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, 19.601, 302.964 by changing the saturation by 10% instead.


 81, 19.601,
302.964


 81, 19.601,
302.964


 100, 19.601,
302.964


 71, 19.601,
302.964


 61, 19.601,
302.964

 51, 19.601,
302.964

 41, 19.601,
302.964

 31, 19.601,
302.964

 21, 19.601,
302.964

 11, 19.601,

302.964

■ 1, 19.601, 302.964

■ 0, 19.601, 302.964

■ 81, 19.601,
302.964

■ 81, 19.601,
302.964

■ 74, 32.793,
303.688

■ 88, 6.857, 302.318

■ 67, 46.411,
304.496

■ 95, 5.437, 121.778

■ 60, 60.367,
305.376

■ 99, 11.720,
109.291

■ 53, 74.458,
306.295

■ 47, 88.271,

307.188

■ 41, 101.052,
307.945

■ 37, 111.636,
308.401

■ 33, 118.696,
308.374

■ 32, 120.930,
308.267

Harmonies

Complementary

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



81, 19.601, 302.964



90, 19.025, 121.123

Rectangle

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



81, 19.601, 302.964



81, 19.601, 352.964



81, 19.601, 122.964



81, 19.601, 172.964

Sweetspot

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



81, 19.599, 302.962



96, 6.699, 302.287



87, 10.166, 232.880



51, 4.575, 302.331



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, 19.599, 302.962



86, 26.075, 303.212



82, 21.677, 319.493



44, 7.037, 302.562



24, 99.239, 308.421



3, 34.501, 304.391

Inverse Universe

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



83, 18.558, 335.578



88, 24.581, 335.848



89, 21.510, 138.070



45, 6.705, 335.127



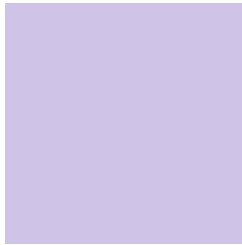
40, 70.420, 345.235



7, 30.429, 341.893

Previews

White Background



This preview shows how the CIELCh color 81, 19.601, 302.964 looks on a white background.

Color Contrast Check

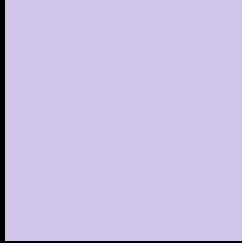
Large Text (above 18pt) WCAG AA × Fail

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, 19.601, 302.964 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, 19.601, 302.964

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.601, 302.964.



This preview shows how white text looks on a background with the CIELCh color 81, 19.601, 302.964.

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, 19.601, 302.964

Protanopia

81, 18.637, 287.659

Deuteranopia

81, 19.535, 301.968



Tritanopia
81, 8.723, 302.691

Trichromacy



Original Color
81, 19.601, 302.964

Protanomaly
81, 18.637, 292.856

Deuteranomaly
81, 19.535, 301.968

Tritanomaly
81, 12.523, 302.580

Monochromacy



Original Color
81, 19.601, 302.964

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 7.080, 302.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.601, 302.964 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(207, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 232)  
}
```

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(207, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.601, 302.964 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(207, 196, 232) }
```

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

```
.border{ border-color:rgb(207, 196, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.601, 302.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 232) }
```

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

```
.background{ background-color: rgb(207,  
196, 232) }
```

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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