

Converting Colors

CIELCh(81, 11.151, 307.724)

Have a look what the booklet for
CIELCh(81, 11.151, 307.724)
contains.

CIELCh(81, 11.153, 307.727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 11.153, 307.727)

Conversions

Conversions Part 1

Format	Color
Hex	CFC6DA
RGB	207, 198, 218
RGB Percent	81%, 78%, 85%
CMY	0.1897, 0.2250, 0.1466
CMYK	0.05, 0.09, 0.00, 0.15
HSL	267°, 21%, 81%
HSV	267°, 9%, 85%
XYZ	58.3411, 58.4711, 74.2800
YIQ	202.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

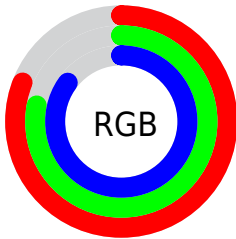
Format	Color
R_{YB}	207, 198, 218
Decimal	13616858
CIE _{Lab}	81.00, 6.82, -8.82
CIE _{LCh}	81, 11.153, 307.727
Yxy	58.4711, 0.3053, 0.3060
Android (android.graphics.Color)	4291806938 (0xFFCFC6DA)
YUV	202.9710, 7.4093, 3.5334
Hunter-Lab	76.4664, 2.3728, -4.0683

Details

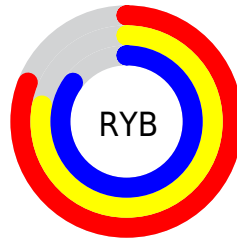
The CIELCh color `81, 11.153, 307.727` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 10.988, 126.885`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `61, 11.272, 308.667` is the 20% darker color. If you saturate the color by 10%, you get `75, 23.640, 308.251`, and if you desaturate by 10%, it is `87, 0.962, 127.376`.

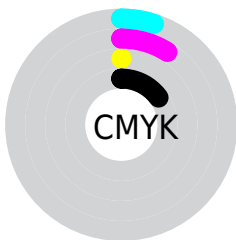
Distribution



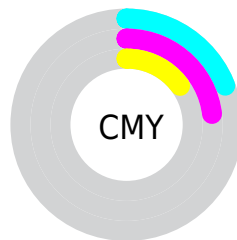
- Red (81%)
- Green (78%)
- Blue (85%)



- Red (81%)
- Yellow (78%)
- Blue (85%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)





- Cyan (19%)
- Magenta (23%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 11.153, 307.727 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, 11.153, 307.727 by changing the saturation by 10% instead.


 81, 11.153,
307.727


 81, 11.153,
307.727


 100, 11.153,
307.727


 71, 11.153,
307.727


 61, 11.153,
307.727

 51, 11.153,
307.727

 41, 11.153,
307.727

 31, 11.153,
307.727

 21, 11.153,
307.727

 11, 11.153,

307.727

■ 1, 11.153, 307.727

■ 0, 11.153, 307.727

■ 81, 11.153,
307.727

■ 81, 11.153,
307.727

■ 75, 23.640,
308.251

■ 87, 0.962, 127.376

■ 68, 36.468,
308.820

■ 94, 12.691,
126.854

■ 62, 49.549,
309.422

■ 98, 19.499,
122.247

■ 56, 62.712,
310.031

■ 99, 18.900,
109.296

■ 50, 75.643,

■ 99, 18.898,
108.748

310.604

■ 45, 87.820,
311.068

■ 40, 98.455,
311.319

■ 36, 106.572,
311.228

■ 33, 111.667,
310.739

Harmonies

Complementary

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



81, 11.153, 307.727



86, 10.988, 126.885

Rectangle

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



81, 11.153, 307.727



81, 11.153, 357.727



81, 11.153, 127.727



81, 11.153, 177.727

Sweetspot

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



81, 11.151, 307.724



98, 4.109, 307.409



83, 6.005, 249.042



52, 3.117, 307.453



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, 11.151, 307.724



92, 15.230, 307.822



82, 12.602, 323.085



43, 6.937, 307.737



26, 94.407, 310.870



3, 30.890, 307.438

Inverse Universe

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



82, 9.377, 341.735



93, 12.796, 341.902



85, 12.568, 142.169



43, 5.833, 341.757



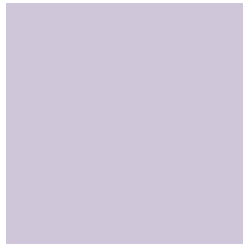
37, 64.265, 357.139



6, 25.643, 350.918

Previews

White Background



This preview shows how the CIELCh color 81, 11.153, 307.727 looks on a white background.

Color Contrast Check

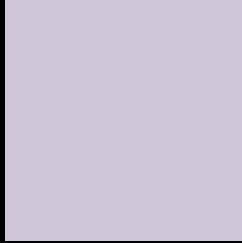
Large Text (above 18pt) WCAG AA × Fail

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, 11.153, 307.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

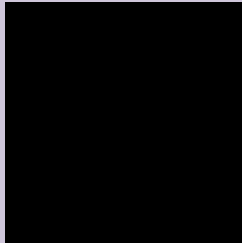
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

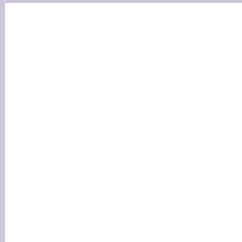
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.153, 307.727

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.153, 307.727.



This preview shows how white text looks on a background with the CIELCh color 81, 11.153, 307.727.

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, 11.153, 307.727

Protanopia

81, 10.103, 289.086

Deuteranopia

81, 13.890, 318.733



Tritanopia
81, 9.020, 309.386

Trichromacy



Original Color
81, 11.153, 307.727

Protanomaly
81, 10.182, 297.035

Deuteranomaly
81, 12.931, 315.562

Tritanomaly
81, 9.525, 308.384

Monochromacy



Original Color
81, 11.153, 307.727

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.892, 306.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.153, 307.727 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, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 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(207, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.153, 307.727 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, 198, 218) }
```

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

```
.border{ border-color:rgb(207, 198, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.153, 307.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 218) }
```

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

```
.background{ background-color: rgb(207,  
198, 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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