

Converting Colors

CIELCh(81, 11.718, 328.384)

Have a look what the booklet for
CIELCh(81, 11.718, 328.384)
contains.

CIELCh(81, 12.046, 327.784)	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, 12.046, 327.784)

Conversions

Conversions Part 1

Format	Color
Hex	D7C3D5
RGB	215, 195, 213
RGB Percent	84%, 76%, 84%
CMY	0.1557, 0.2341, 0.1635
CMYK	0.00, 0.09, 0.01, 0.16
HSL	306°, 20%, 81%
HSV	306°, 9%, 84%
XYZ	59.7389, 58.4711, 71.2843
YIQ	203.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

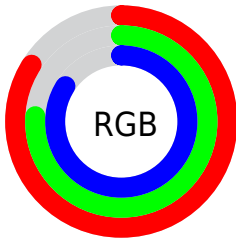
Format	Color
R _Y B	215, 195, 213
Decimal	14140373
CIE Lab	81.00, 10.19, -6.42
CIE LCh	81, 12.046, 327.784
Yxy	58.4711, 0.3153, 0.3086
Android (android.graphics.Color)	4292330453 (0xFFD7C3D5)
YUV	203.0320, 4.9142, 10.4959
Hunter-Lab	76.4664, 5.6358, -1.7455

Details

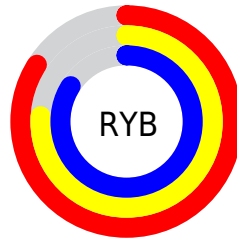
The CIELCh color **81, 12.046, 327.784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 12.019, 146.730**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **61, 12.062, 328.087** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.115, 328.383**, and if you desaturate by 10%, it is **86, 0.903, 147.565**.

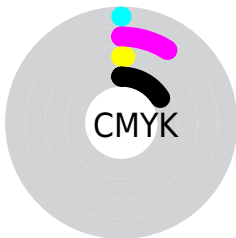
Distribution



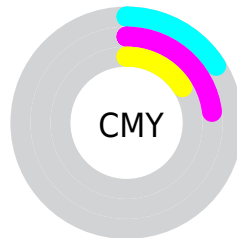
- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 12.046, 327.784 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, 12.046, 327.784 by changing the saturation by 10% instead.


 81, 12.046,
327.784

 81, 12.046,
327.784


 100, 12.046,
327.784


 71, 12.046,
327.784


 61, 12.046,
327.784

 51, 12.046,
327.784

 41, 12.046,
327.784

 31, 12.046,
327.784

 21, 12.046,
327.784

 11, 12.046,

327.784

■ 1, 12.046, 327.784

■ 0, 12.046, 327.784

■ 81, 12.046,
327.784

■ 81, 12.046,
327.784

■ 76, 25.115,
328.383

■ 86, 0.903, 147.565

■ 71, 38.112,
328.977

■ 92, 13.596,
146.700

■ 66, 50.741,
329.565

■ 96, 22.989,
146.645

■ 62, 62.601,
330.138

■ 97, 22.114,
148.354

■ 58, 73.194,

■ 97, 21.258,
150.197

330.690

97, 20.423,
152.186

55, 81.975,
331.215

97, 19.612,
154.336

52, 88.450,
331.714

97, 18.827,
156.662

51, 92.332,
332.197

97, 18.074,
159.181

50, 93.877,
332.679

Harmonies

Complementary

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



81, 12.046, 327.784



84, 12.019, 146.730

Rectangle

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



81, 12.046, 327.784



81, 12.046, 17.784



81, 12.046, 147.784



81, 12.046, 197.784

Sweetspot

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



81, 12.044, 327.785



98, 4.446, 327.372



80, 10.715, 294.908



52, 3.371, 327.434



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, 12.044, 327.785



93, 16.376, 327.894



81, 8.525, 350.204



42, 7.327, 327.792



40, 79.180, 332.635



6, 30.630, 331.576

Inverse Universe

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



81, 12.044, 327.785



93, 16.376, 327.894



84, 8.367, 168.640



42, 7.327, 327.792



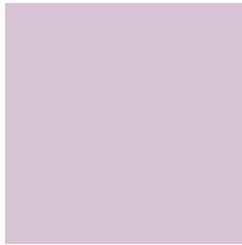
40, 79.180, 332.635



6, 30.630, 331.576

Previews

White Background



This preview shows how the CIELCh color 81, 12.046, 327.784 looks on a white background.

Color Contrast Check

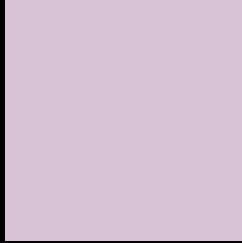
Large Text (above 18pt) WCAG AA × Fail

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, 12.046, 327.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

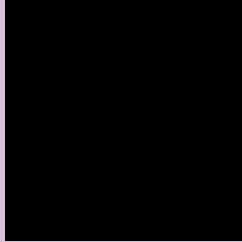
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 12.046, 327.784

Background



This preview shows how black text looks on a background with the CIELCh color 81, 12.046, 327.784.



This preview shows how white text looks on a background with the CIELCh color 81, 12.046, 327.784.

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, 12.046, 327.784

Protanopia

81, 8.509, 290.936

Deuteranopia

81, 12.046, 327.784



Tritanopia
81, 10.584, 331.421

Trichromacy



Original Color
81, 12.046, 327.784

Protanomaly
81, 9.525, 308.384

Deuteranomaly
81, 12.046, 327.784

Tritanomaly
81, 10.986, 329.603

Monochromacy



Original Color
81, 12.046, 327.784

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 4.533, 324.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 12.046, 327.784 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(215, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 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(215, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 12.046, 327.784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

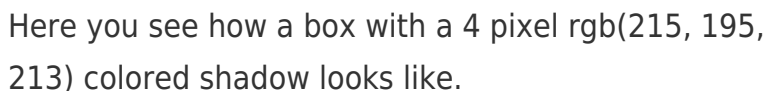
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 195, 213) }
```

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

```
.border{ border-color:rgb(215, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(215, 195,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 12.046, 327.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 213) }
```

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

```
.background{ background-color: rgb(215,  
195, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor