

Converting Colors

CIELCh(81, 6.520, 96.289)

Have a look what the booklet for
CIELCh(81, 6.520, 96.289) contains.

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Color

CIELCh(81, 6.513, 96.290)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9BD
RGB	205, 201, 189
RGB Percent	80%, 79%, 74%
CMY	0.1958, 0.2115, 0.2586
CMYK	0.00, 0.02, 0.08, 0.20
HSL	45°, 14%, 77%
HSV	45°, 8%, 80%
XYZ	55.2910, 58.4711, 56.5543
YIQ	200.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

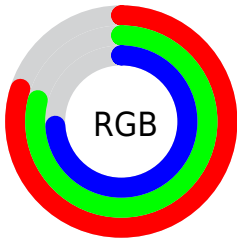
Format	Color
RYB	194, 205, 189
Decimal	13486525
CIELab	81.00, -0.71, 6.47
CIElCh	81, 6.513, 96.290
Yxy	58.4711, 0.3246, 0.3433
Android (android.graphics.Color)	4291676605 (0xFFCDC9BD)
YUV	200.8280, -5.8312, 3.6588
Hunter-Lab	76.4664, -4.7473, 9.6758

Details

The CIELCh color **81, 6.513, 96.290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.561, 278.229**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **61, 6.360, 94.917** is the 20% darker color. If you saturate the color by 10%, you get **79, 14.965, 95.116**, and if you desaturate by 10%, it is **83, 1.835, 277.604**.

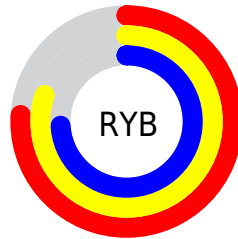
Distribution



Red (80%)

Green (79%)

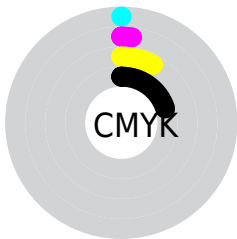
Blue (74%)



Red (76%)

Yellow (80%)

Blue (74%)

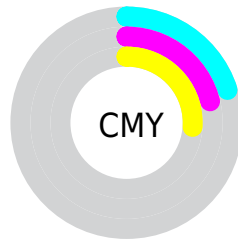


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.513, 96.290 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, 6.513, 96.290 by changing the saturation by 10% instead.

- 81, 6.513, 96.290
- 81, 6.513, 96.290
- 100, 6.513, 96.290
- 71, 6.513, 96.290
- 61, 6.513, 96.290
- 51, 6.513, 96.290
- 41, 6.513, 96.290
- 31, 6.513, 96.290
- 21, 6.513, 96.290
- 11, 6.513, 96.290
- 1, 6.513, 96.290
- 0, 6.513, 96.290

81, 6.513, 96.290	81, 6.513, 96.290
79, 14.965, 95.116	83, 1.835, 277.604
77, 23.493, 93.876	85, 10.072, 278.638
76, 32.049, 92.601	
74, 40.535, 91.295	87, 18.197, 279.699
73, 48.776, 89.958	88, 18.141, 274.184
71, 56.466, 88.579	
70, 63.108, 87.123	89, 16.183, 265.228
68, 68.014, 85.524	91, 14.710, 254.245
67, 70.642, 83.688	92, 13.868, 241.490
	93, 13.761, 227.922

■ 95, 14.392,
214.928

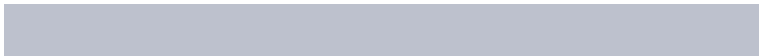
Harmonies

Complementary

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



81, 6.513, 96.290



78, 6.561, 278.229

Rectangle

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



81, 6.513, 96.290



81, 6.513, 146.290



81, 6.513, 276.290



81, 6.513, 326.290

Sweetspot

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



81, 6.514, 96.307



100, 1.977, 96.901



78, 6.339, 0.172



53, 1.124, 96.906



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, 6.514, 96.307



98, 8.977, 96.155



82, 8.589, 119.433



42, 4.722, 96.122



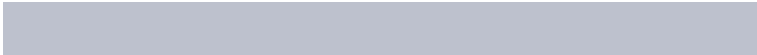
55, 60.769, 83.620



11, 16.623, 87.453

Inverse Universe

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



78, 6.561, 278.229



94, 9.045, 278.396



77, 8.736, 300.406



40, 4.758, 278.432



25, 79.300, 300.368



3, 19.532, 285.315

Previews

White Background



This preview shows how the CIELCh color 81, 6.513, 96.290 looks on a white background.

Color Contrast Check

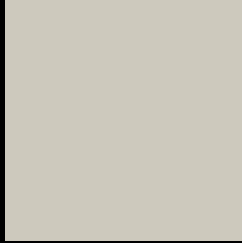
Large Text (above 18pt) WCAG AA × Fail

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, 6.513, 96.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

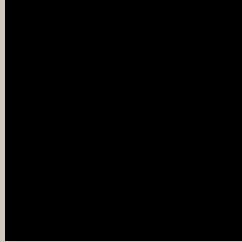
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

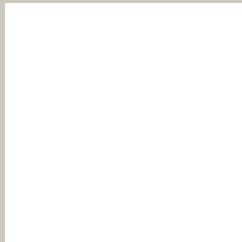
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.513, 96.290

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.513, 96.290.

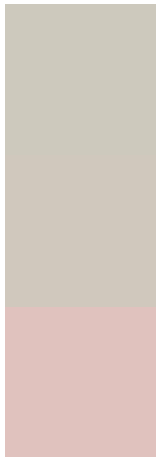


This preview shows how white text looks on a background with the CIELCh color 81, 6.513, 96.290.

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, 6.513, 96.290

Protanopia

81, 6.537, 82.257

Deuteranopia

81, 11.599, 30.699



Tritanopia
81, 9.591, 317.592

Trichromacy



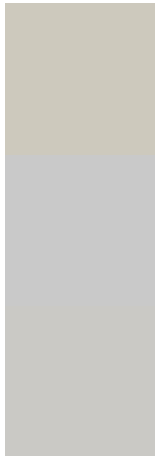
Original Color
81, 6.513, 96.290

Protanomaly
81, 6.374, 85.285

Deuteranomaly
81, 8.417, 45.908

Tritanomaly
81, 4.879, 338.911

Monochromacy



Original Color
81, 6.513, 96.290

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.140, 100.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.513, 96.290 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(205, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 189)  
}
```

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(205, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.513, 96.290 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(205, 201, 189) }
```

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

```
.border{ border-color:rgb(205, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.513, 96.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 189) }
```

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

```
.background{ background-color: rgb(205,  
201, 189) }
```

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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