

Converting Colors

CIELCh(81, 6.752, 92.096)

Have a look what the booklet for
CIELCh(81, 6.752, 92.096) contains.

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Color

CIELCh(81, 6.607, 93.105)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9BD
RGB	206, 201, 189
RGB Percent	81%, 79%, 74%
CMY	0.1927, 0.2123, 0.2594
CMYK	0.00, 0.02, 0.08, 0.19
HSL	42°, 15%, 77%
HSV	42°, 8%, 81%
XYZ	55.4324, 58.4711, 56.4241
YIQ	201.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

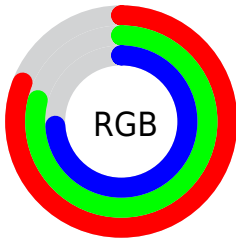
Format	Color
R _Y B	196, 206, 189
Decimal	13552061
CIE Lab	81.00, -0.36, 6.60
CIE LCh	81, 6.607, 93.105
Yxy	58.4711, 0.3254, 0.3433
Android (android.graphics.Color)	4291742141 (0xFFCEC9BD)
YUV	201.1270, -5.9786, 4.2736
Hunter-Lab	76.4664, -4.4170, 9.7768

Details

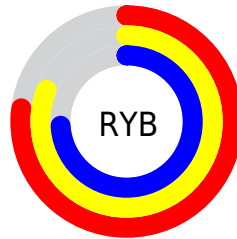
The CIELCh color **81, 6.607, 93.105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.634, 275.226**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **61, 6.471, 91.465** is the 20% darker color. If you saturate the color by 10%, you get **79, 14.745, 91.893**, and if you desaturate by 10%, it is **83, 1.394, 274.515**.

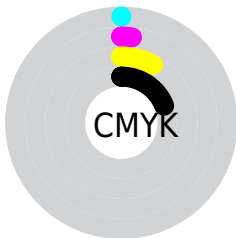
Distribution



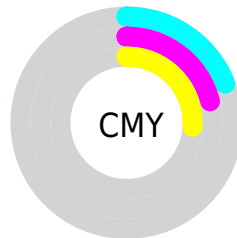
- Red (81%)
- Green (79%)
- Blue (74%)



- Red (77%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (19%)

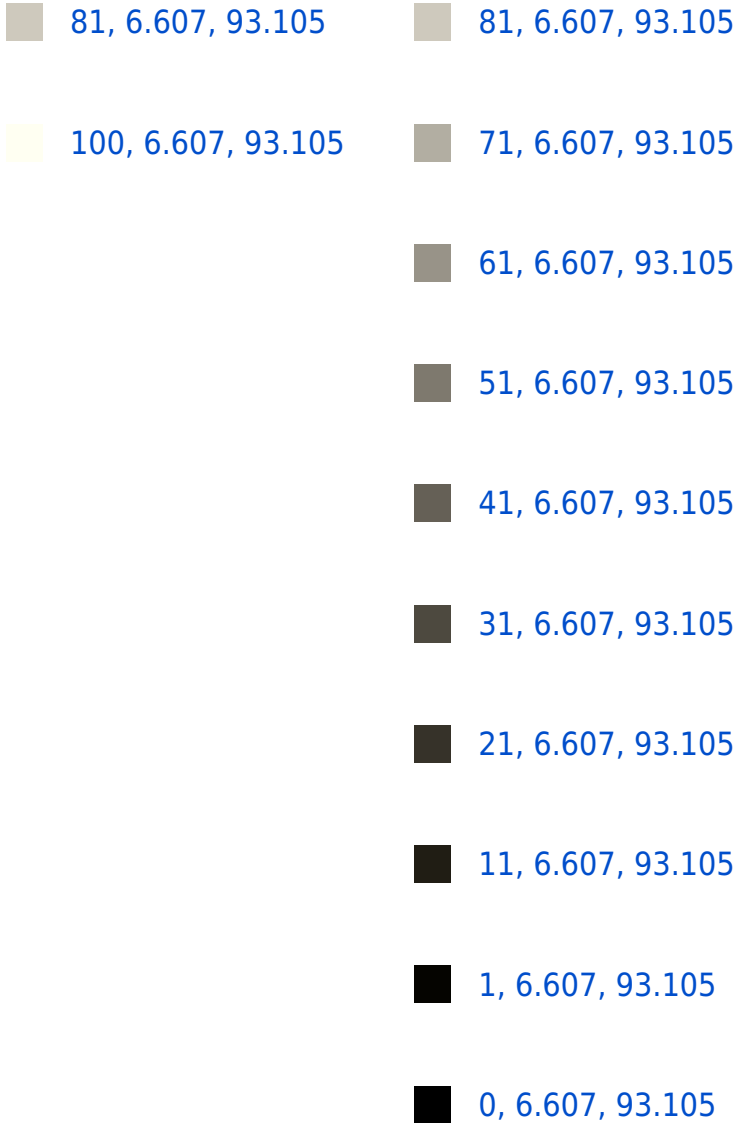





















- Cyan (19%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.607, 93.105 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, 6.607, 93.105 by changing the saturation by 10% instead.



 81, 6.607, 93.105	 81, 6.607, 93.105
 79, 14.745, 91.893	 83, 1.394, 274.515
 77, 22.999, 90.610	 85, 9.260, 275.536
 75, 31.329, 89.287	 87, 16.991, 276.629
 73, 39.652, 87.925	
 71, 47.805, 86.521	 89, 16.670, 269.096
 70, 55.494, 85.051	 91, 14.743, 256.678
 68, 62.226, 83.466	 92, 13.665, 241.597
 66, 67.285, 81.665	
 65, 70.116, 79.532	 94, 13.621, 225.361
	 95, 14.601, 210.286

■ 97, 16.298,
198.423

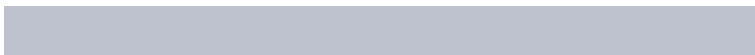
Harmonies

Complementary

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



81, 6.607, 93.105



78, 6.634, 275.226

Rectangle

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



81, 6.607, 93.105



81, 6.607, 143.105



81, 6.607, 273.105



81, 6.607, 323.105

Sweetspot

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



81, 6.608, 93.122



100, 1.886, 93.774



78, 6.897, 356.667



53, 1.072, 93.779



0, 0.000, 0.000



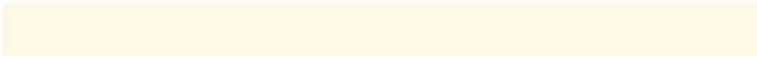
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 6.608, 93.122



98, 9.540, 92.899



82, 9.063, 117.440



42, 4.512, 92.987



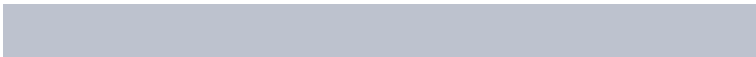
53, 60.094, 79.576



11, 15.925, 82.994

Inverse Universe

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



78, 6.634, 275.226



94, 9.575, 275.474



77, 9.232, 298.574



40, 4.529, 275.376



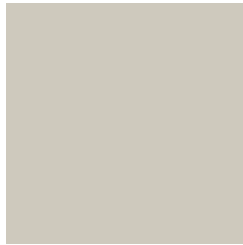
26, 74.613, 298.376



3, 18.847, 283.707

Previews

White Background



This preview shows how the CIELCh color 81, 6.607, 93.105 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, 6.607, 93.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

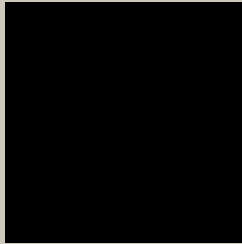
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

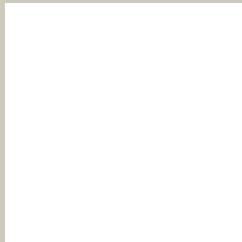
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.607, 93.105

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.607, 93.105.



This preview shows how white text looks on a background with the CIELCh color 81, 6.607, 93.105.

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, 6.607, 93.105

Protanopia

81, 6.537, 82.257

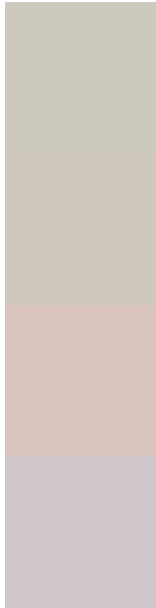
Deuteranopia

81, 11.982, 30.388



Tritanopia
81, 9.591, 317.592

Trichromacy



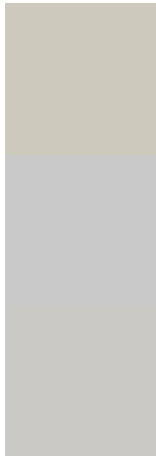
Original Color
81, 6.607, 93.105

Protanomaly
81, 6.374, 85.285

Deuteranomaly
81, 8.908, 40.773

Tritanomaly
81, 4.879, 338.911

Monochromacy



Original Color
81, 6.607, 93.105

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.229, 90.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.607, 93.105 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(206, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.607, 93.105 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(206, 201, 189) }
```

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

```
.border{ border-color:rgb(206, 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(206, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.607, 93.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 189) }
```

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

```
.background{ background-color: rgb(206,  
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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