

Converting Colors

CIELCh(81, 13.239, 94.190)

Have a look what the booklet for
CIELCh(81, 13.239, 94.190) contains.

CIELCh(81, 13.144, 93.758)	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, 13.144, 93.758)

Conversions

Conversions Part 1

Format	Color
Hex	D2C9B1
RGB	210, 201, 177
RGB Percent	82%, 79%, 69%
CMY	0.1775, 0.2128, 0.3069
CMYK	0.00, 0.04, 0.16, 0.18
HSL	44°, 27%, 76%
HSV	44°, 16%, 82%
XYZ	55.2322, 58.4711, 49.8304
YIQ	200.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

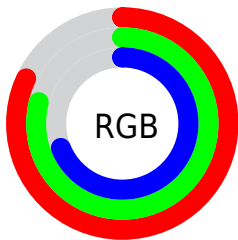
Format	Color
R _{YB}	189, 210, 177
Decimal	13814193
CIE Lab	81.00, -0.86, 13.12
CIE LCh	81, 13.144, 93.758
Yxy	58.4711, 0.3377, 0.3575
Android (android.graphics.Color)	4292004273 (0xFFD2C9B1)
YUV	200.9550, -11.8098, 7.9325
Hunter-Lab	76.4664, -4.8844, 14.8893

Details

The CIELCh color **81, 13.144, 93.758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 13.242, 277.778**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **61, 13.289, 94.321** is the 20% darker color. If you saturate the color by 10%, you get **79, 21.649, 92.512**, and if you desaturate by 10%, it is **83, 4.748, 94.960**.

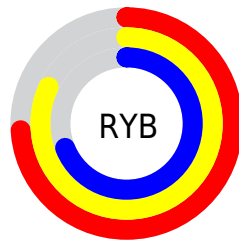
Distribution



Red (82%)

Green (79%)

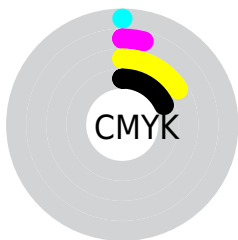
Blue (69%)



Red (74%)

Yellow (82%)

Blue (69%)

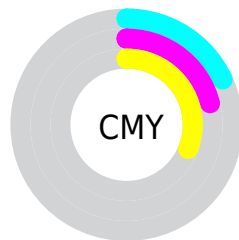


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (18%)



Cyan (18%)

Magenta (21%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 13.144, 93.758 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, 13.144, 93.758 by changing the saturation by 10% instead.

 81, 13.144, 93.758

 81, 13.144, 93.758

 100, 13.144,
93.758

 71, 13.144, 93.758

 61, 13.144, 93.758

 51, 13.144, 93.758

 41, 13.144, 93.758

 31, 13.144, 93.758

 21, 13.144, 93.758

 11, 13.144, 93.758

 1, 13.144, 93.758

 0, 13.144, 93.758

81, 13.144, 93.758

81, 13.144, 93.758

79, 21.649, 92.512

83, 4.748, 94.960

77, 30.219, 91.217

85, 3.527, 276.238

75, 38.777, 89.888

87, 11.675,
277.325

74, 47.173, 88.521

89, 16.882,
275.699

72, 55.135, 87.105

70, 62.210, 85.604

90, 14.675,
264.935

69, 67.719, 83.946

92, 13.136,
251.165

67, 70.923, 82.006

67, 71.846, 81.125

93, 12.499,
235.057

95, 12.879,
218.722

■ 96, 14.178,
204.441

Harmonies

Complementary

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



81, 13.144, 93.758



75, 13.242, 277.778

Rectangle

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



81, 13.144, 93.758



81, 13.144, 143.758



81, 13.144, 273.758



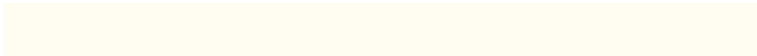
81, 13.144, 323.758

Sweetspot

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



81, 13.145, 93.767



99, 4.851, 95.035



75, 13.439, 358.656



53, 3.312, 94.956



0, 0.000, 0.000



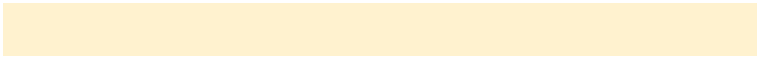
53, 0.007, 296.813

Same Dimension

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



81, 13.145, 93.767



96, 18.654, 93.335



83, 17.546, 117.597



43, 4.706, 94.533



54, 61.055, 81.512



12, 17.668, 84.984

Inverse Universe

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



75, 13.242, 277.778



88, 18.816, 278.307



74, 18.133, 299.771



41, 4.733, 276.892



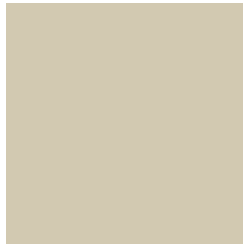
26, 77.872, 299.418



4, 20.826, 285.614

Previews

White Background



This preview shows how the CIELCh color 81, 13.144, 93.758 looks on a white background.

Color Contrast Check

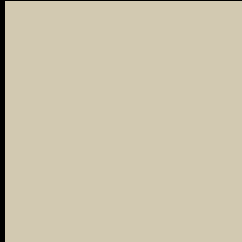
Large Text (above 18pt) WCAG AA × Fail

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, 13.144, 93.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

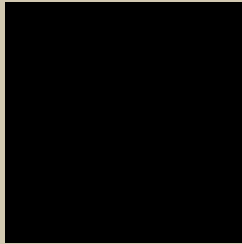
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

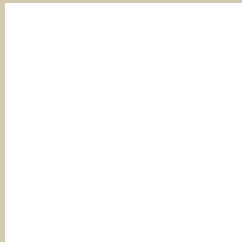
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 13.144, 93.758

Background



This preview shows how black text looks on a background with the CIELCh color 81, 13.144, 93.758.



This preview shows how white text looks on a background with the CIELCh color 81, 13.144, 93.758.

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, 13.144, 93.758

Protanopia

81, 13.144, 93.758

Deuteranopia

81, 16.129, 51.716



Tritanopia
81, 10.350, 329.868

Trichromacy



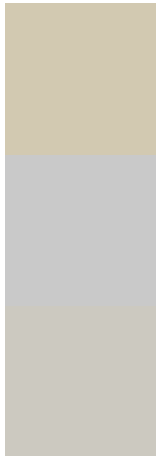
Original Color
81, 13.144, 93.758

Protanomaly
81, 13.144, 93.758

Deuteranomaly
81, 13.919, 62.898

Tritanomaly
81, 5.213, 13.885

Monochromacy



Original Color
81, 13.144, 93.758

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.881, 96.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 13.144, 93.758 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(210, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 177)  
}
```

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(210, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 13.144, 93.758 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(210, 201, 177) }
```

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

```
.border{ border-color:rgb(210, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 13.144, 93.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 177) }
```

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

```
.background{ background-color: rgb(210,  
201, 177) }
```

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