

Converting Colors

CIELCh(81, 8.538, 50.503)

Have a look what the booklet for
CIELCh(81, 8.538, 50.503) contains.

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Color

CIELCh(81, 8.677, 48.983)

Conversions

Conversions Part 1

Format	Color
Hex	D9C5BD
RGB	217, 197, 189
RGB Percent	85%, 77%, 74%
CMY	0.1483, 0.2268, 0.2581
CMYK	0.00, 0.09, 0.13, 0.15
HSL	17°, 27%, 80%
HSV	17°, 13%, 85%
XYZ	57.8769, 58.4711, 56.4771
YIQ	202.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

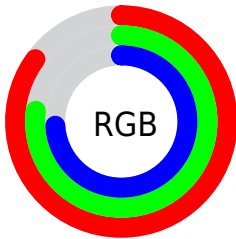
Format	Color
R _Y B	217, 200, 189
Decimal	14271933
CIE Lab	81.00, 5.69, 6.55
CIE LCh	81, 8.677, 48.983
Yxy	58.4711, 0.3349, 0.3383
Android (android.graphics.Color)	4292462013 (0xFFD9C5BD)
YUV	202.0680, -6.4425, 13.0954
Hunter-Lab	76.4664, 1.2892, 9.7356

Details

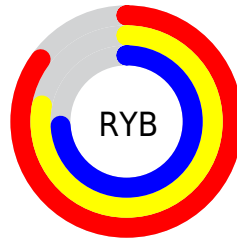
The CIELCh color **81, 8.677, 48.983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 8.064, 230.806**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.566, 105.368**, and **61, 8.642, 46.936** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.018, 48.524**, and if you desaturate by 10%, it is **85, 1.873, 49.344**.

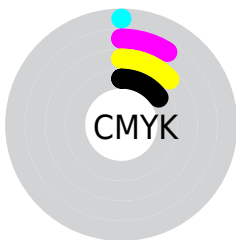
Distribution



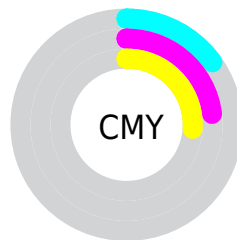
- Red (85%)
- Green (77%)
- Blue (74%)



- Red (85%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (15%)



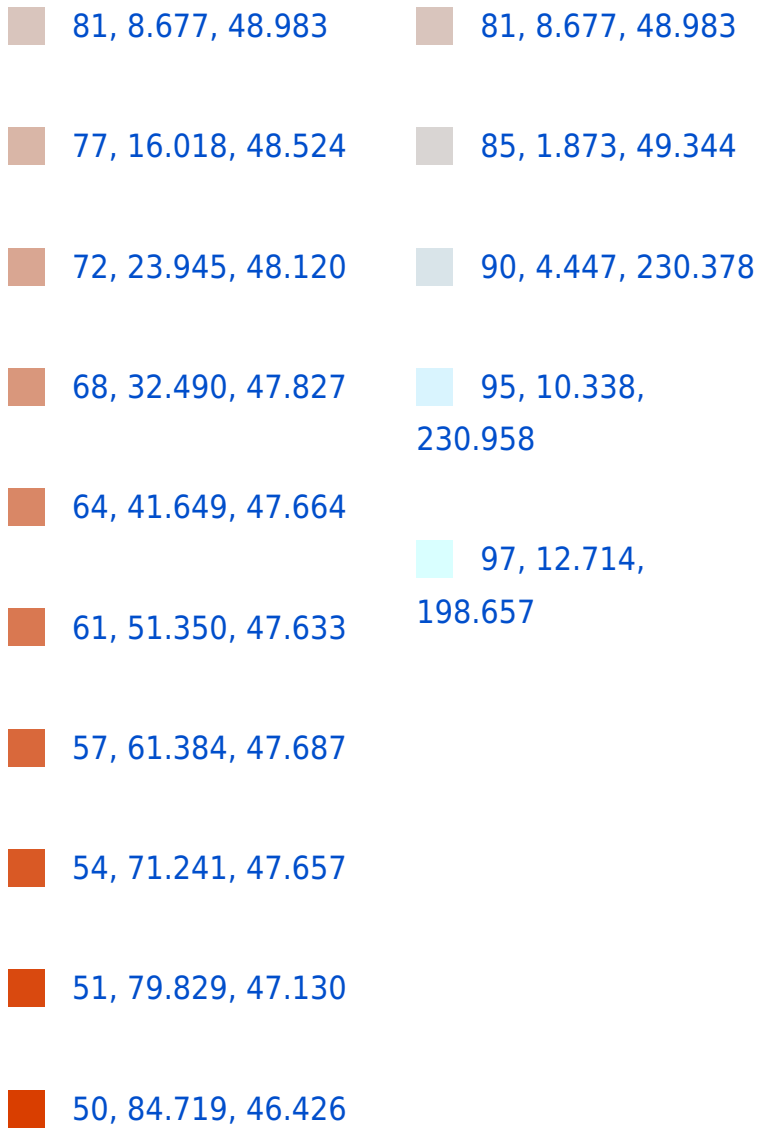
- Cyan (15%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.677, 48.983 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, 8.677, 48.983 by changing the saturation by 10% instead.

 81, 8.677, 48.983	 81, 8.677, 48.983
 100, 8.677, 48.983	 71, 8.677, 48.983
	 61, 8.677, 48.983
	 51, 8.677, 48.983
	 41, 8.677, 48.983
	 31, 8.677, 48.983
	 21, 8.677, 48.983
	 11, 8.677, 48.983
	 1, 8.677, 48.983
	 0, 8.677, 48.983



Harmonies

Complementary

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



81, 8.677, 48.983



83, 8.064, 230.806

Rectangle

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



81, 8.677, 48.983



81, 8.677, 98.983



81, 8.677, 228.983



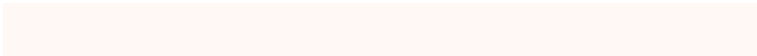
81, 8.677, 278.983

Sweetspot

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



81, 8.676, 49.000



98, 2.962, 49.360



80, 14.824, 334.472



52, 2.112, 49.348



0, 0.000, 0.000



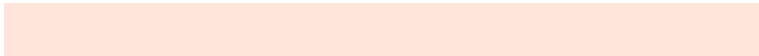
53, 0.007, 296.813

Same Dimension

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



81, 8.676, 49.000



92, 11.597, 48.890



85, 11.713, 97.880



44, 3.799, 49.167



40, 71.217, 46.916



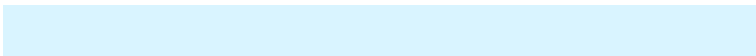
8, 19.865, 37.513

Inverse Universe

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



83, 8.064, 230.806



95, 10.629, 230.992



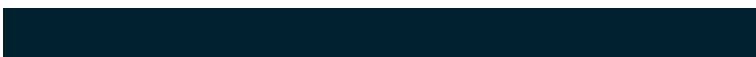
79, 11.865, 281.004



44, 3.606, 230.549



49, 35.822, 253.177



11, 13.559, 243.226

Previews

White Background



This preview shows how the CIELCh color 81, 8.677, 48.983 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, 8.677, 48.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

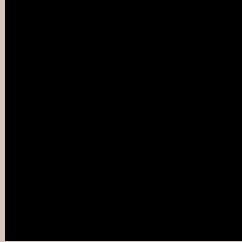
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.677, 48.983

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.677, 48.983.



This preview shows how white text looks on a background with the CIELCh color 81, 8.677, 48.983.

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, 8.677, 48.983

Protanopia

81, 5.420, 80.841

Deuteranopia

81, 11.982, 30.388



Tritanopia
81, 12.433, 340.621

Trichromacy



Original Color
81, 8.677, 48.983

Protanomaly
81, 6.549, 66.161

Deuteranomaly
81, 10.586, 34.539

Tritanomaly
81, 9.641, 357.544

Monochromacy



Original Color
81, 8.677, 48.983

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.346, 47.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.677, 48.983 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(217, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 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(217, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.677, 48.983 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(217, 197, 189) }
```

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

```
.border{ border-color:rgb(217, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.677, 48.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 189) }
```

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

```
.background{ background-color: rgb(217,  
197, 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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