

Converting Colors

CIELCh(81, 8.952, 43.815)

Have a look what the booklet for
CIELCh(81, 8.952, 43.815) contains.

CIELCh(81, 8.765, 44.824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 8.765, 44.824)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5BE
RGB	218, 197, 190
RGB Percent	85%, 77%, 75%
CMY	0.1456, 0.2279, 0.2554
CMYK	0.00, 0.10, 0.13, 0.15
HSL	15°, 27%, 80%
HSV	15°, 13%, 85%
XYZ	58.0911, 58.4711, 56.8663
YIQ	202.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

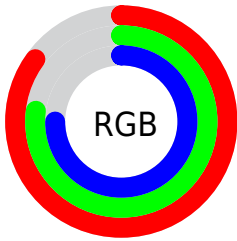
Format	Color
RYB	218, 199, 190
Decimal	14337470
CIELab	81.00, 6.22, 6.18
CIELCh	81, 8.765, 44.824
Yxy	58.4711, 0.3350, 0.3371
Android (android.graphics.Color)	4292527550 (0xFFDAC5BE)
YUV	202.4810, -6.1531, 13.6102
Hunter-Lab	76.4664, 1.7893, 9.4339

Details

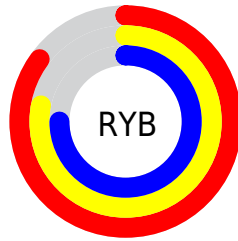
The CIELCh color $81, 8.765, 44.824$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.112, 226.216$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 4.060, 104.856$, and $61, 8.761, 42.567$ is the 20% darker color. If you saturate the color by 10%, you get $76, 16.227, 44.549$, and if you desaturate by 10%, it is $86, 1.866, 45.009$.

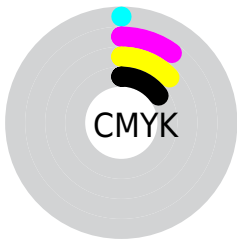
Distribution



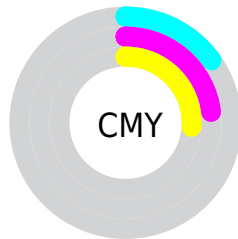
- Red (85%)
- Green (77%)
- Blue (75%)



- Red (85%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (15%)



















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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.765, 44.824 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, 8.765, 44.824 by changing the saturation by 10% instead.

 81, 8.765, 44.824	 81, 8.765, 44.824
 100, 8.765, 44.824	 71, 8.765, 44.824
	 61, 8.765, 44.824
	 51, 8.765, 44.824
	 41, 8.765, 44.824
	 31, 8.765, 44.824
	 21, 8.765, 44.824
	 11, 8.765, 44.824
	 1, 8.765, 44.824
	 0, 8.765, 44.824

 81, 8.765, 44.824	 81, 8.765, 44.824
 76, 16.227, 44.549	 86, 1.866, 45.009
 72, 24.304, 44.351	 90, 4.522, 225.901
 68, 33.025, 44.288	 95, 10.409, 225.728
 64, 42.383, 44.388	
 60, 52.302, 44.662	 97, 12.491, 198.671
 56, 62.567, 45.068	
 53, 72.665, 45.441	
 50, 81.472, 45.347	
 49, 86.469, 44.942	

Harmonies

Complementary

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



81, 8.765, 44.824



83, 8.112, 226.216

Rectangle

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



81, 8.765, 44.824



81, 8.765, 94.824



81, 8.765, 224.824



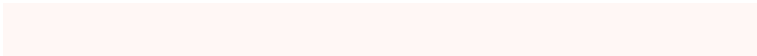
81, 8.765, 274.824

Sweetspot

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



81, 8.764, 44.840



98, 2.992, 45.047



80, 15.165, 333.159



52, 2.133, 45.048



0, 0.000, 0.000



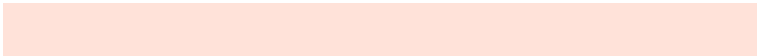
53, 0.007, 296.813

Same Dimension

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



81, 8.764, 44.840



92, 11.731, 44.769



85, 11.308, 95.691



44, 3.840, 44.946



39, 72.519, 45.391



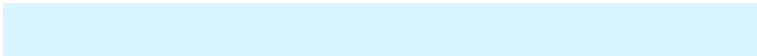
7, 20.310, 34.705

Inverse Universe

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



83, 8.112, 226.216



95, 10.696, 226.364



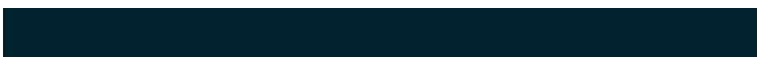
80, 11.412, 278.887



45, 3.633, 226.023



51, 34.225, 246.037



12, 13.259, 236.905

Previews

White Background



This preview shows how the CIELCh color 81, 8.765, 44.824 looks on a white background.

Color Contrast Check

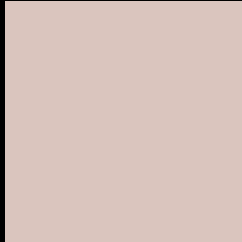
Large Text (above 18pt) WCAG AA × Fail

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, 8.765, 44.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

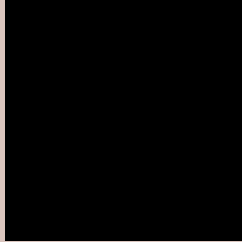
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.765, 44.824

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.765, 44.824.



This preview shows how white text looks on a background with the CIELCh color 81, 8.765, 44.824.

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, 8.765, 44.824

Protanopia

81, 4.959, 77.973

Deuteranopia

81, 11.982, 30.388



Tritanopia
81, 12.433, 340.621

Trichromacy



Original Color
81, 8.765, 44.824

Protanomaly
81, 6.168, 62.860

Deuteranomaly
81, 10.586, 34.539

Tritanomaly
81, 9.641, 357.544

Monochromacy



Original Color
81, 8.765, 44.824

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.129, 39.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.765, 44.824 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(218, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 190)  
}
```

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(218, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.765, 44.824 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(218, 197, 190) }
```

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

```
.border{ border-color:rgb(218, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.765, 44.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 190) }
```

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

```
.background{ background-color: rgb(218,  
197, 190) }
```

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