

Converting Colors

CIELCh(84, 8.895, 94.831)

Have a look what the booklet for
CIELCh(84, 8.895, 94.831) contains.

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Color

CIELCh(84, 8.686, 94.423)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1C1
RGB	215, 209, 193
RGB Percent	84%, 82%, 76%
CMY	0.1559, 0.1794, 0.2422
CMYK	0.00, 0.03, 0.10, 0.16
HSL	44°, 22%, 80%
HSV	44°, 10%, 84%
XYZ	60.6091, 64.0658, 59.7645
YIQ	208.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

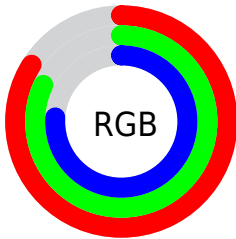
Format	Color
R _Y B	201, 215, 193
Decimal	14143937
CIE Lab	84.00, -0.67, 8.66
CIE LCh	84, 8.686, 94.423
Yxy	64.0658, 0.3286, 0.3474
Android (android.graphics.Color)	4292334017 (0xFFD7D1C1)
YUV	208.9700, -7.8732, 5.2883
Hunter-Lab	80.0411, -4.9072, 11.7586

Details

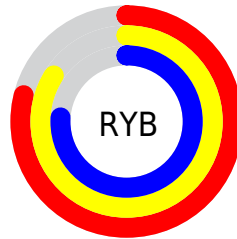
The CIELCh color **84, 8.686, 94.423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 8.738, 277.005**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **64, 9.094, 96.493** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.316, 93.207**, and if you desaturate by 10%, it is **86, 0.178, 94.471**.

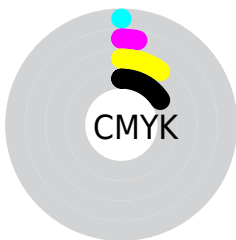
Distribution



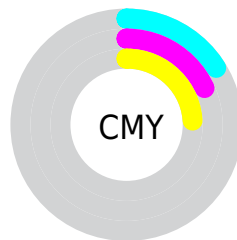
- Red (84%)
- Green (82%)
- Blue (76%)



- Red (79%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (16%)






















- Cyan (16%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.686, 94.423 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 84, 8.686, 94.423 by changing the saturation by 10% instead.



 84, 8.686, 94.423	 84, 8.686, 94.423
 82, 17.316, 93.207	 86, 0.178, 94.471
 80, 26.039, 91.931	 88, 8.202, 276.836
 78, 34.800, 90.618	 90, 15.043, 276.427
 76, 43.490, 89.270	
 75, 51.906, 87.881	 92, 12.798, 263.927
 73, 59.694, 86.430	 93, 11.370, 247.428
 71, 66.279, 84.866	
 70, 70.895, 83.093	 95, 11.062, 228.383
 68, 73.254, 81.087	 96, 11.939, 210.384
	 97, 13.333, 198.616

Harmonies

Complementary

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



84, 8.686, 94.423



80, 8.738, 277.005

Rectangle

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



84, 8.686, 94.423



84, 8.686, 144.423



84, 8.686, 274.423



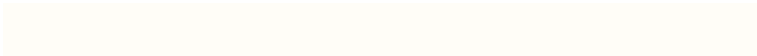
84, 8.686, 324.423

Sweetspot

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



84, 8.687, 94.437



99, 2.902, 95.245



80, 8.819, 358.049



53, 2.203, 95.166



0, 0.000, 0.000



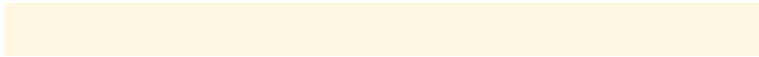
53, 0.007, 296.813

Same Dimension

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



84, 8.687, 94.437



97, 11.719, 94.209



85, 11.656, 117.965



44, 4.801, 94.532



55, 61.733, 81.486



13, 19.056, 84.804

Inverse Universe

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



80, 8.738, 277.005



92, 11.793, 277.264



79, 11.914, 299.344



42, 4.828, 276.898



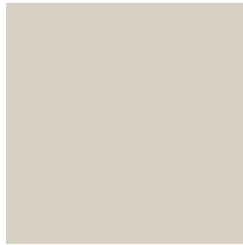
27, 78.837, 299.458



4, 22.450, 286.737

Previews

White Background



This preview shows how the CIELCh color 84, 8.686, 94.423 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 84, 8.686, 94.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

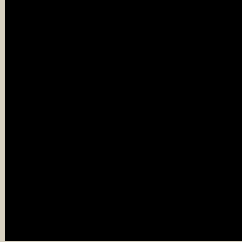
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

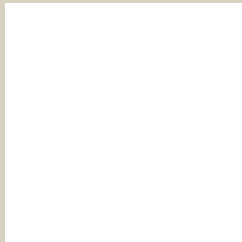
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 8.686, 94.423

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.686, 94.423.

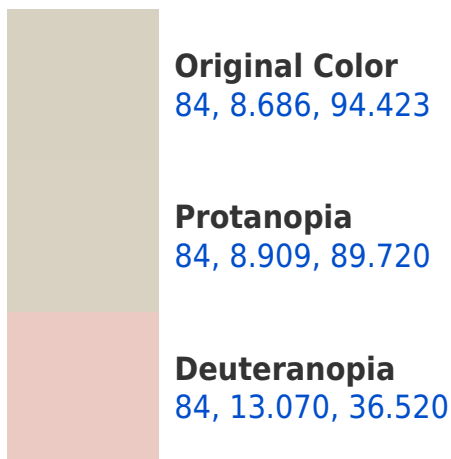



This preview shows how white text looks on a background with the CIELCh color 84, 8.686, 94.423.

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





Tritanopia
84, 9.869, 321.322

Trichromacy



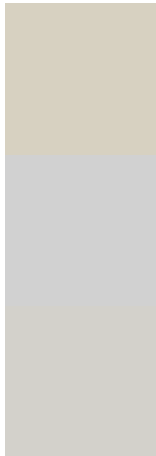
Original Color
84, 8.686, 94.423

Protanomaly
84, 8.790, 92.043

Deuteranomaly
84, 10.455, 53.325

Tritanomaly
84, 4.546, 352.056

Monochromacy



Original Color
84, 8.686, 94.423

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.226, 96.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.686, 94.423 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(215, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 193)  
}
```

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(215, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.686, 94.423 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(215, 209, 193) }
```

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

```
.border{ border-color:rgb(215, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.686, 94.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 209, 193) }
```

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

```
.background{ background-color: rgb(215,  
209, 193) }
```

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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