

Converting Colors

CIELCh(87, 6.585, 92.009)

Have a look what the booklet for
CIELCh(87, 6.585, 92.009) contains.

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Color

CIELCh(87, 7.008, 94.316)

Conversions

Conversions Part 1

Format	Color
Hex	DFDACD
RGB	223, 218, 205
RGB Percent	87%, 85%, 80%
CMY	0.1267, 0.1463, 0.1973
CMYK	0.00, 0.02, 0.08, 0.13
HSL	43°, 22%, 84%
HSV	43°, 8%, 87%
XYZ	66.3021, 70.0064, 67.5760
YIQ	218.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

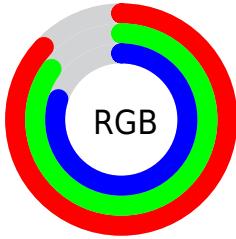
Format	Color
R_{YB}	212, 223, 205
Decimal	14670541
CIE Lab	87.00, -0.53, 6.99
CIE LCh	87, 7.008, 94.316
Yxy	70.0064, 0.3252, 0.3434
Android (android.graphics.Color)	4292860621 (0xFFFDACD)
YUV	218.0130, -6.4154, 4.3736
Hunter-Lab	83.6698, -4.9742, 10.6833

Details

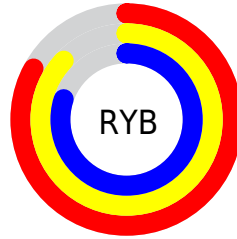
The CIELCh color **87, 7.008, 94.316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 7.046, 276.377**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 6.874, 92.899** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.814, 93.111**, and if you desaturate by 10%, it is **89, 1.664, 275.692**.

Distribution



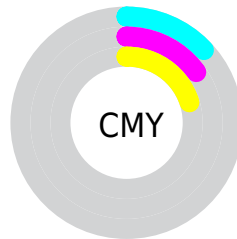
- Red (87%)
- Green (85%)
- Blue (80%)



- Red (83%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.008, 94.316 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 87, 7.008, 94.316 by changing the saturation by 10% instead.



87, 7.008, 94.316

87, 7.008, 94.316

85, 15.814, 93.111

89, 1.664, 275.692

83, 24.727, 91.836

91, 10.202,
276.728

81, 33.702, 90.522

93, 10.618,
265.434

79, 42.641, 89.173

77, 51.362, 87.783

95, 9.181, 244.136

75, 59.539, 86.335

96, 9.281, 219.756

74, 66.629, 84.783

98, 10.850,
199.418

72, 71.868, 83.035

98, 10.932,
198.776

71, 74.634, 80.974

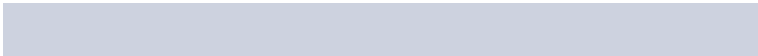
Harmonies

Complementary

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



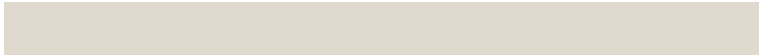
87, 7.008, 94.316



84, 7.046, 276.377

Rectangle

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



87, 7.008, 94.316



87, 7.008, 144.316



87, 7.008, 274.316



87, 7.008, 324.316

Sweetspot

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



87, 7.009, 94.333



100, 1.919, 94.967



84, 7.133, 357.818



53, 1.091, 94.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 7.009, 94.333



98, 9.700, 94.095



88, 9.472, 118.107



46, 4.963, 94.170



57, 63.006, 80.971



15, 21.651, 84.039

Inverse Universe

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



84, 7.046, 276.377



94, 9.752, 276.641



83, 9.643, 299.187



44, 4.989, 276.557



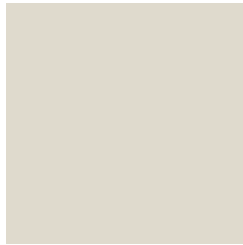
28, 80.194, 299.304



5, 25.528, 288.874

Previews

White Background



This preview shows how the CIELCh color 87, 7.008, 94.316 looks on a white background.

Color Contrast Check

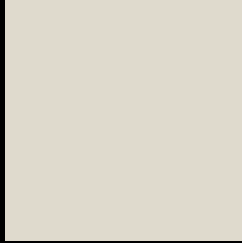
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 7.008, 94.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

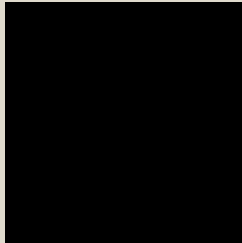
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

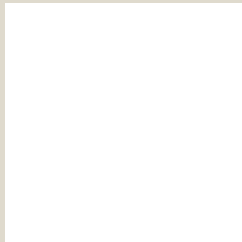
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 7.008, 94.316

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.008, 94.316.

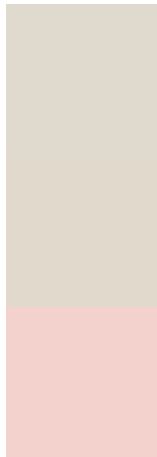


This preview shows how white text looks on a background with the CIELCh color 87, 7.008, 94.316.

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

87, 7.008, 94.316

Protanopia

87, 7.382, 85.907

Deuteranopia

87, 12.534, 29.787



Tritanopia
87, 9.917, 316.207

Trichromacy



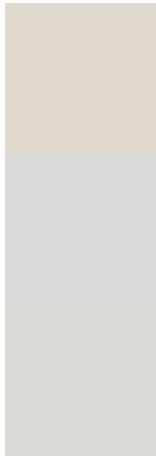
Original Color
87, 7.008, 94.316

Protanomaly
87, 7.242, 88.615

Deuteranomaly
87, 9.314, 42.919

Tritanomaly
87, 4.806, 338.879

Monochromacy



Original Color
87, 7.008, 94.316

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.693, 94.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.008, 94.316 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(223, 218, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 205)  
}
```

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(223, 218, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.008, 94.316 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(223, 218, 205) }
```

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

```
.border{ border-color:rgb(223, 218, 205) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.008, 94.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 205) }
```

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

```
.background{ background-color: rgb(223,  
218, 205) }
```

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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