

Converting Colors

CIELCh(87, 9.199, 45.507)

Have a look what the booklet for
CIELCh(87, 9.199, 45.507) contains.

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Color

CIELCh(87, 9.314, 42.919)

Conversions

Conversions Part 1	
Format	Color
Hex	ECD5CE
RGB	236, 213, 206
RGB Percent	93%, 84%, 81%
CMY	0.0738, 0.1640, 0.1915
CMYK	0.00, 0.10, 0.13, 0.07
HSL	14°, 44%, 87%
HSV	14°, 13%, 93%
XYZ	69.6531, 70.0064, 68.3461
YIQ	219.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

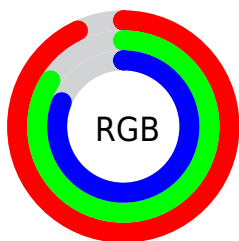
Format	Color
RYB	236, 215, 206
Decimal	15521230
CIELab	87.00, 6.82, 6.34
CIELCh	87, 9.314, 42.919
Yxy	70.0064, 0.3349, 0.3366
Android (android.graphics.Color)	4293711310 (0xFFECD5CE)
YUV	219.0790, -6.4479, 14.8397
Hunter-Lab	83.6698, 2.1748, 10.1375

Details

The CIELCh color **87, 9.314, 42.919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 8.610, 224.099**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 9.329, 40.740** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.342, 42.731**, and if you desaturate by 10%, it is **92, 1.902, 43.010**.

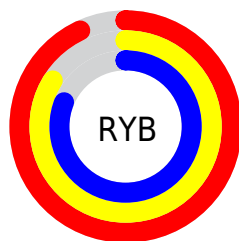
Distribution



Red (93%)

Green (84%)

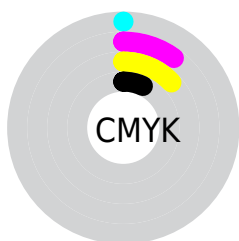
Blue (81%)



Red (93%)

Yellow (84%)

Blue (81%)

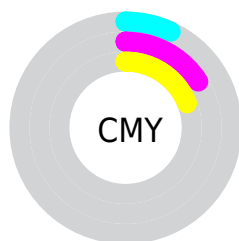


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 9.314, 42.919 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, 9.314, 42.919 by changing the saturation by 10% instead.

	87, 9.314, 42.919		87, 9.314, 42.919
	100, 9.314, 42.919		77, 9.314, 42.919
			67, 9.314, 42.919
			57, 9.314, 42.919
			47, 9.314, 42.919
			37, 9.314, 42.919
			27, 9.314, 42.919
			17, 9.314, 42.919
			7, 9.314, 42.919
			0, 9.314, 42.919

 87, 9.314, 42.919

 87, 9.314, 42.919

 82, 17.342, 42.731

 92, 1.902, 43.010

 77, 26.040, 42.630

 97, 4.951, 223.845

 72, 35.439, 42.678

 99, 6.453, 199.099

 68, 45.528, 42.908

 64, 56.219, 43.332

 60, 67.274, 43.913

 57, 78.127, 44.480

 54, 87.532, 44.574

 53, 92.769, 44.203

Harmonies

Complementary

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



87, 9.314, 42.919



90, 8.610, 224.099

Rectangle

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



87, 9.314, 42.919



87, 9.314, 92.919



87, 9.314, 222.919



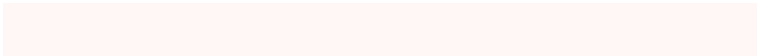
87, 9.314, 272.919

Sweetspot

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



87, 9.313, 42.935



98, 3.012, 43.068



86, 16.198, 332.522



52, 2.147, 43.075



0, 0.000, 0.000



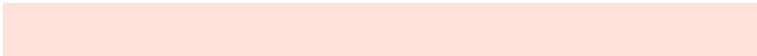
53, 0.007, 296.813

Same Dimension

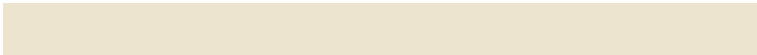
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 9.313, 42.935



92, 11.815, 42.881



91, 11.735, 94.546



46, 4.088, 43.009



40, 75.564, 44.666



9, 24.451, 36.404

Inverse Universe

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



90, 8.610, 224.099



95, 10.751, 224.231



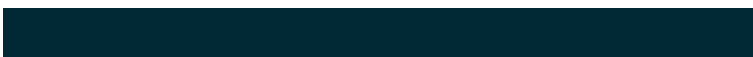
86, 11.819, 277.760



48, 3.861, 223.943



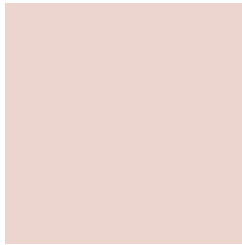
54, 34.779, 242.710



15, 14.542, 235.362

Previews

White Background



This preview shows how the CIE LCh color 87, 9.314, 42.919 looks on a white background.

Color Contrast Check

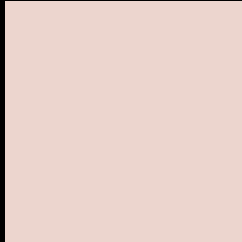
Large Text (above 18pt) WCAG AA × Fail

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, 9.314, 42.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

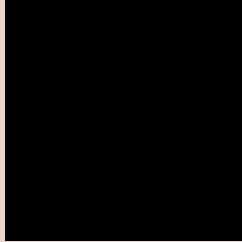
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

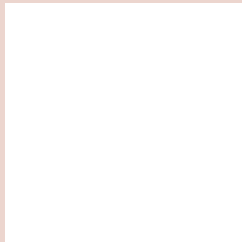
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 9.314, 42.919

Background



This preview shows how black text looks on a background with the CIELCh color 87, 9.314, 42.919.

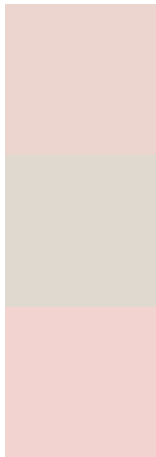


This preview shows how white text looks on a background with the CIELCh color 87, 9.314, 42.919.

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, 9.314, 42.919

Protanopia

87, 5.334, 80.906

Deuteranopia

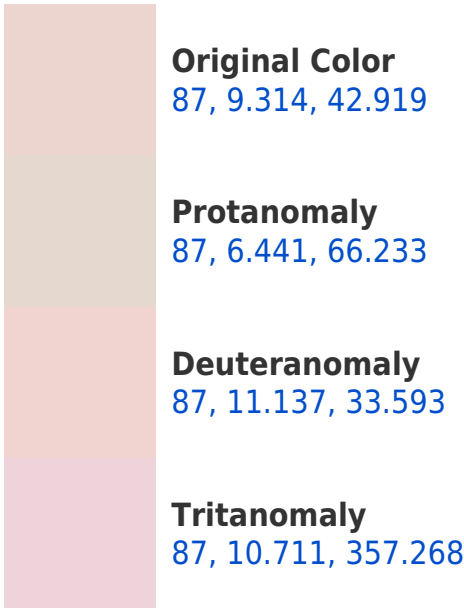
87, 12.144, 30.057



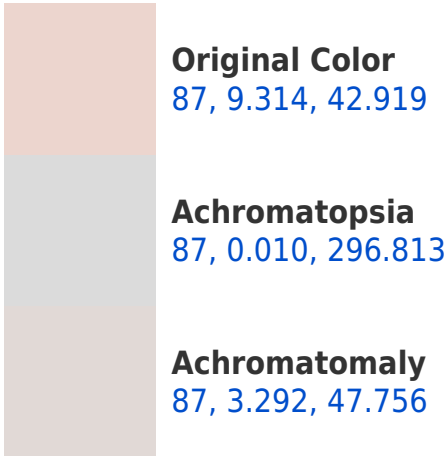
Tritanopia

87, 13.745, 340.199

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 9.314, 42.919 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(236, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 206)  
}
```

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(236, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 9.314, 42.919 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(236, 213, 206) }
```

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

```
.border{ border-color:rgb(236, 213, 206) }
```

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

Here you see how a box with a 4 pixel rgb(236, 213, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 9.314, 42.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 206) }
```

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

```
.background{ background-color: rgb(236,  
213, 206) }
```

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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