

Converting Colors

CIELCh(92, 4.226, 102.735)

Have a look what the booklet for
CIELCh(92, 4.226, 102.735) contains.

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Color

CIELCh(92, 4.174, 99.879)

Conversions

Conversions Part 1

Format	Color
Hex	EAE8E0
RGB	234, 232, 224
RGB Percent	92%, 91%, 88%
CMY	0.0818, 0.0896, 0.1210
CMYK	0.00, 0.01, 0.04, 0.08
HSL	48°, 19%, 90%
HSV	48°, 4%, 92%
XYZ	76.3537, 80.7044, 82.1793
YIQ	231.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

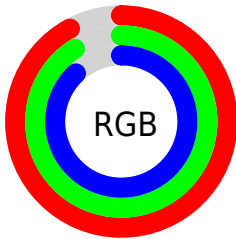
Format	Color
R_{YB}	227, 234, 224
Decimal	15395040
CIE Lab	92.00, -0.72, 4.11
CIE LCh	92, 4.174, 99.879
Yxy	80.7044, 0.3192, 0.3373
Android (android.graphics.Color)	4293585120 (0xFFEAE8E0)
YUV	231.6860, -3.7892, 2.0294
Hunter-Lab	89.8356, -5.5005, 8.6480

Details

The CIELCh color **92, 4.174, 99.879** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 4.214, 280.962**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.864, 98.425** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.034, 98.780**, and if you desaturate by 10%, it is **94, 5.599, 281.093**.

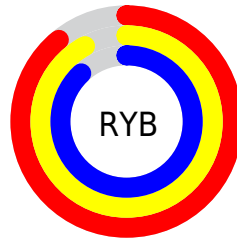
Distribution



Red (92%)

Green (91%)

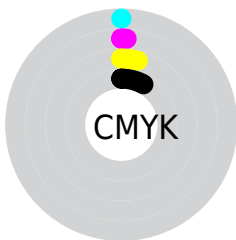
Blue (88%)



Red (89%)

Yellow (92%)

Blue (88%)

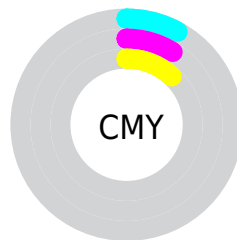


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.174, 99.879 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 92, 4.174, 99.879 by changing the saturation by 10% instead.

92, 4.174, 99.879

92, 4.174, 99.879

100, 4.174, 99.879

82, 4.174, 99.879

72, 4.174, 99.879

62, 4.174, 99.879

52, 4.174, 99.879

42, 4.174, 99.879

32, 4.174, 99.879

22, 4.174, 99.879

12, 4.174, 99.879

2, 4.174, 99.879

92, 4.174, 99.879

92, 4.174, 99.879

90, 14.034, 98.780

94, 5.599, 281.093

89, 23.945, 97.596

95, 7.332, 270.678

87, 33.852, 96.381

96, 6.053, 247.731

85, 43.647, 95.145

97, 6.056, 219.715

84, 53.146, 93.894

99, 7.136, 199.047

83, 62.030, 92.629

81, 69.791, 91.341

80, 75.718, 89.998

79, 79.084, 88.541

Harmonies

Complementary

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



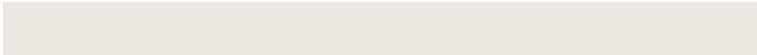
92, 4.174, 99.879



90, 4.214, 280.962

Rectangle

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



92, 4.174, 99.879



92, 4.174, 149.879



92, 4.174, 279.879



92, 4.174, 329.879

Sweetspot

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



92, 4.176, 99.905



100, 1.038, 100.134



90, 3.754, 3.486



53, 0.590, 100.130



0, 0.000, 0.000



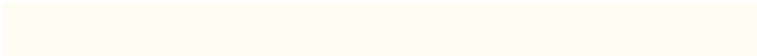
53, 0.007, 296.813

Same Dimension

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



92, 4.176, 99.905



99, 5.242, 99.826



92, 5.269, 121.570



49, 3.342, 99.755



62, 66.098, 87.934



18, 25.717, 90.467

Inverse Universe

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



90, 4.214, 280.962



97, 5.290, 281.046



90, 5.330, 302.038



47, 3.373, 281.122



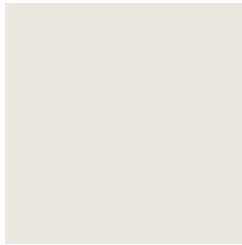
26, 90.429, 302.415



4, 30.827, 293.624

Previews

White Background



This preview shows how the CIELCh color 92, 4.174, 99.879 looks on a white background.

Color Contrast Check

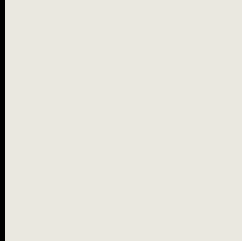
Large Text (above 18pt) WCAG AA × Fail

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 92, 4.174, 99.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

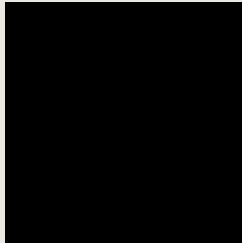
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

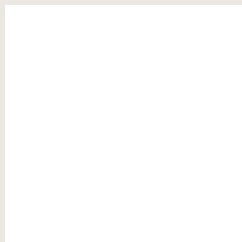
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.174, 99.879

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.174, 99.879.

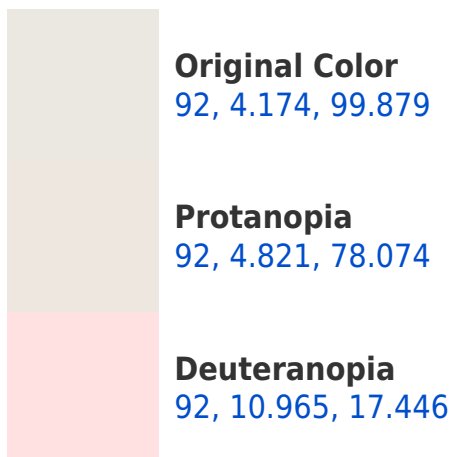


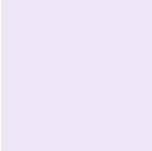
This preview shows how white text looks on a background with the CIELCh color 92, 4.174, 99.879.

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](#).

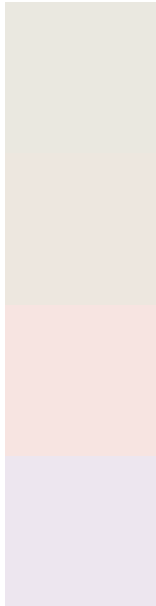
Dichromacy





Tritanopia
92, 9.876, 309.380

Trichromacy



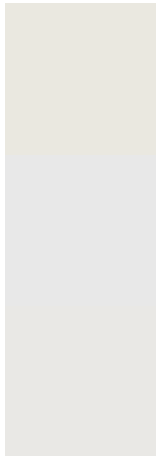
Original Color
92, 4.174, 99.879

Protanomaly
92, 4.642, 81.916

Deuteranomaly
92, 7.075, 32.381

Tritanomaly
92, 5.304, 318.263

Monochromacy



Original Color
92, 4.174, 99.879

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.575, 96.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.174, 99.879 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(234, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(234, 232, 224)  
}
```

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(234, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.174, 99.879 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(234, 232, 224) }
```

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

```
.border{ border-color:rgb(234, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(234, 232,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.174, 99.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 224) }
```

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

```
.background{ background-color: rgb(234,  
232, 224) }
```

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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