

Converting Colors

CIELCh(92, 8.861, 99.950)

Have a look what the booklet for
CIELCh(92, 8.861, 99.950) contains.

CIELCh(92, 8.869, 99.946)	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(92, 8.869, 99.946)

Conversions

Conversions Part 1

Format	Color
Hex	ECE8D7
RGB	236, 232, 215
RGB Percent	93%, 91%, 84%
CMY	0.0732, 0.0889, 0.1556
CMYK	0.00, 0.02, 0.09, 0.07
HSL	49°, 36%, 89%
HSV	49°, 9%, 93%
XYZ	75.9524, 80.7044, 76.0771
YIQ	231.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

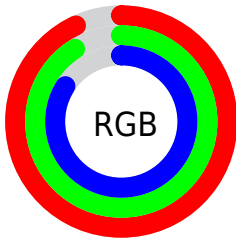
Format	Color
RYB	220, 236, 215
Decimal	15526103
CIELab	92.00, -1.53, 8.74
CIELCh	92, 8.869, 99.946
Yxy	80.7044, 0.3263, 0.3468
Android (android.graphics.Color)	4293716183 (0xFFECE8D7)
YUV	231.2580, -8.0152, 4.1587
Hunter-Lab	89.8356, -6.2979, 12.6754

Details

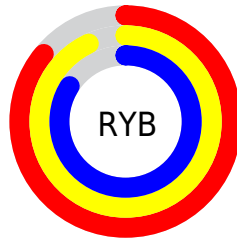
The CIELCh color **92, 8.869, 99.946** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 8.975, 282.056**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.806, 99.141** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.923, 98.807**, and if you desaturate by 10%, it is **94, 1.116, 281.258**.

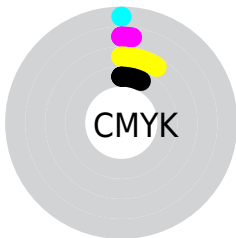
Distribution



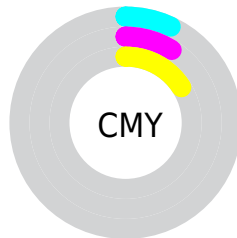
- Red (93%)
- Green (91%)
- Blue (84%)



- Red (86%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.869, 99.946 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, 8.869, 99.946 by changing the saturation by 10% instead.



92, 8.869, 99.946

92, 8.869, 99.946

90, 18.923, 98.807

94, 1.116, 281.258

89, 28.997, 97.617

95, 7.204, 276.983

87, 39.012, 96.404

96, 5.671, 255.533

86, 48.826, 95.175

98, 5.322, 226.029

84, 58.192, 93.936

99, 6.339, 199.987

83, 66.703, 92.687

99, 6.406, 199.103

82, 73.746, 91.414

81, 78.560, 90.077

79, 80.742, 88.621

Harmonies

Complementary

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



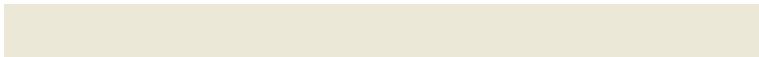
92, 8.869, 99.946



88, 8.975, 282.056

Rectangle

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



92, 8.869, 99.946



92, 8.869, 149.946



92, 8.869, 279.946



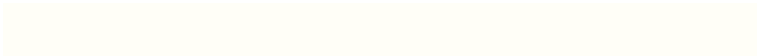
92, 8.869, 329.946

Sweetspot

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



92, 8.871, 99.959



99, 3.170, 100.587



88, 7.967, 4.013



53, 2.405, 100.509



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, 8.871, 99.959



98, 11.688, 99.715



93, 11.058, 121.299



48, 5.637, 99.894



62, 66.381, 88.736



18, 25.918, 91.199

Inverse Universe

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



88, 8.975, 282.056



92, 11.849, 282.331



87, 11.258, 302.326



46, 5.707, 282.128



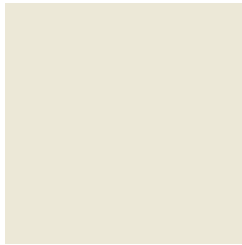
25, 91.328, 302.713



4, 31.056, 293.850

Previews

White Background



This preview shows how the CIELCh color 92, 8.869, 99.946 looks on a white background.

Color Contrast Check

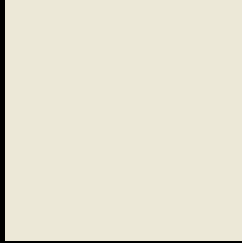
Large Text (above 18pt) WCAG AA × Fail

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 92, 8.869, 99.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

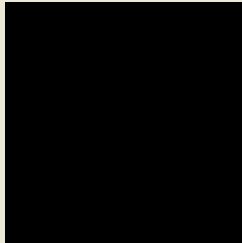
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

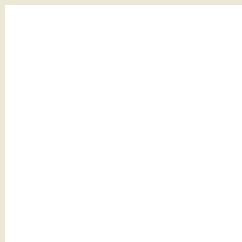
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.869, 99.946

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.869, 99.946.

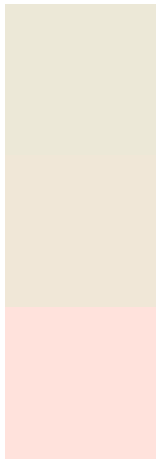


This preview shows how white text looks on a background with the CIELCh color 92, 8.869, 99.946.

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

92, 8.869, 99.946

Protanopia

92, 8.868, 87.584

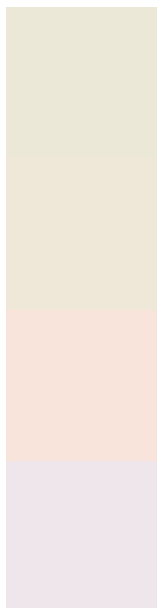
Deuteranopia

92, 11.136, 36.115



Tritanopia
92, 10.421, 316.721

Trichromacy



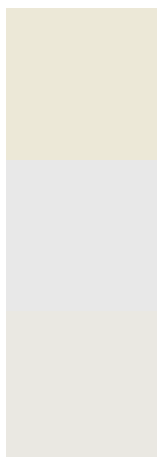
Original Color
92, 8.869, 99.946

Protanomaly
92, 8.738, 89.840

Deuteranomaly
92, 8.983, 54.680

Tritanomaly
92, 4.141, 340.962

Monochromacy



Original Color
92, 8.869, 99.946

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.162, 96.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.869, 99.946 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, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 215)  
}
```

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, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.869, 99.946 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, 232, 215) }
```

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

```
.border{ border-color:rgb(236, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.869, 99.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 215) }
```

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

```
.background{ background-color: rgb(236,  
232, 215) }
```

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