

Converting Colors

CIELCh(91, 19.878, 98.631)

Have a look what the booklet for
CIELCh(91, 19.878, 98.631) contains.

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Color

CIELCh(91, 19.862, 98.640)

Conversions

Conversions Part 1

Format	Color
Hex	EFE6C0
RGB	239, 230, 192
RGB Percent	94%, 90%, 75%
CMY	0.0641, 0.0994, 0.2484
CMYK	0.00, 0.04, 0.20, 0.06
HSL	49°, 59%, 84%
HSV	49°, 20%, 94%
XYZ	73.1576, 78.4833, 60.9686
YIQ	228.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

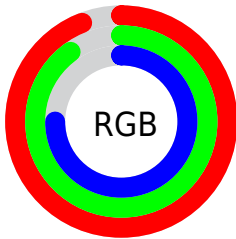
Format	Color
RYB	203, 239, 192
Decimal	15722176
CIELab	91.00, -2.98, 19.64
CIELCh	91, 19.862, 98.640
Yxy	78.4833, 0.3441, 0.3691
Android (android.graphics.Color)	4293912256 (0xFFEFE6C0)
YUV	228.3590, -17.9250, 9.3322
Hunter-Lab	88.5908, -7.6300, 21.2099

Details

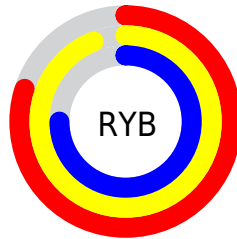
The CIELCh color **91, 19.862, 98.640** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 20.330, 283.483**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **71, 20.286, 98.936** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.008, 97.453**, and if you desaturate by 10%, it is **93, 9.738, 99.804**.

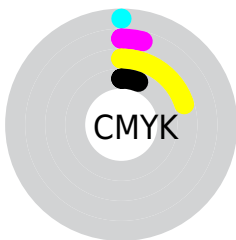
Distribution



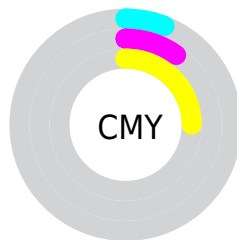
- Red (94%)
- Green (90%)
- Blue (75%)



- Red (80%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 19.862, 98.640 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 91, 19.862, 98.640 by changing the saturation by 10% instead.

 91, 19.862, 98.640

 91, 19.862, 98.640

 100, 19.862,
98.640

 81, 19.862, 98.640

 71, 19.862, 98.640

 61, 19.862, 98.640

 51, 19.862, 98.640

 41, 19.862, 98.640

 31, 19.862, 98.640

 21, 19.862, 98.640

 11, 19.862, 98.640

 1, 19.862, 98.640

91, 19.862, 98.640

91, 19.862, 98.640

89, 30.008, 97.453

93, 9.738, 99.804

88, 40.085, 96.236

94, 0.324, 281.489

86, 49.945, 95.003

96, 6.159, 275.422

85, 59.328, 93.761

97, 4.780, 248.642

84, 67.810, 92.507

98, 4.905, 214.371

82, 74.752, 91.225

99, 5.619, 199.167

81, 79.386, 89.874

80, 81.427, 88.400

80, 81.477, 88.354

Harmonies

Complementary

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



91, 19.862, 98.640



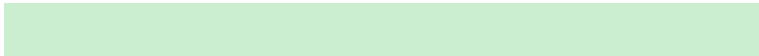
81, 20.330, 283.483

Rectangle

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



91, 19.862, 98.640



91, 19.862, 148.640



91, 19.862, 278.640



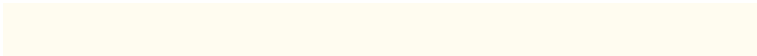
91, 19.862, 328.640

Sweetspot

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



91, 19.864, 98.647



99, 6.351, 100.212



82, 18.288, 5.241



53, 4.214, 100.141



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 19.864, 98.647



96, 25.579, 98.125



92, 24.654, 120.659



49, 5.731, 99.828



63, 67.035, 88.628



19, 27.138, 90.955

Inverse Universe

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



81, 20.330, 283.483



83, 26.329, 284.169



80, 25.616, 303.063



47, 5.802, 282.069



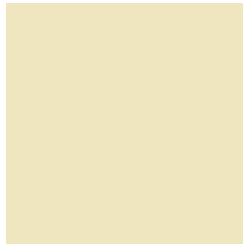
26, 92.257, 302.705



5, 32.818, 295.021

Previews

White Background



This preview shows how the CIELCh color 91, 19.862, 98.640 looks on a white background.

Color Contrast Check

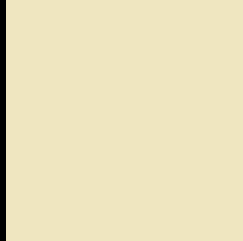
Large Text (above 18pt) WCAG AA × Fail

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 91, 19.862, 98.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

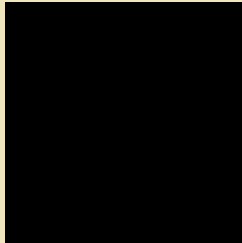
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

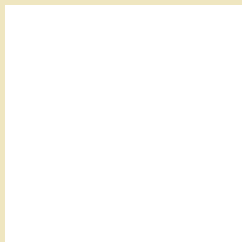
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 19.862, 98.640

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.862, 98.640.

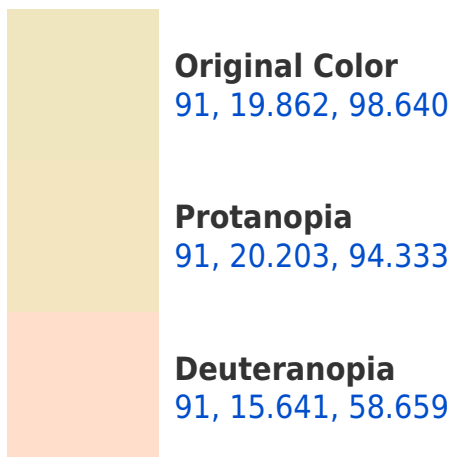


This preview shows how white text looks on a background with the CIELCh color 91, 19.862, 98.640.

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](#).

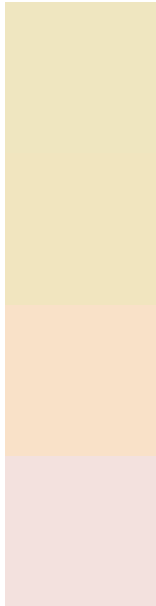
Dichromacy





Tritanopia
91, 11.817, 332.044

Trichromacy



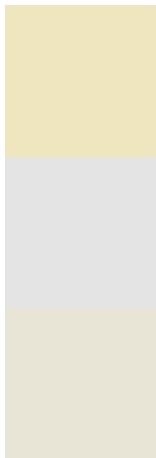
Original Color
91, 19.862, 98.640

Protanomaly
91, 20.110, 95.395

Deuteranomaly
91, 15.834, 74.027

Tritanomaly
91, 6.734, 33.044

Monochromacy



Original Color
91, 19.862, 98.640

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.304, 100.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.862, 98.640 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(239, 230, 192)` looks like.

```
.text, #text, p{  
    color:rgb(239, 230, 192)  
}
```

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(239, 230, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 230, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.862, 98.640 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(239, 230, 192) }
```

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

```
.border{ border-color:rgb(239, 230, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 230, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 230, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 230, 192); box-shadow:4px 4px 4px 4px rgb(239, 230, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.862, 98.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 230, 192) }
```

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

```
.background{ background-color: rgb(239,  
230, 192) }
```

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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