

Converting Colors

CIELCh(91, 17.427, 96.232)

Have a look what the booklet for
CIELCh(91, 17.427, 96.232) contains.

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Color

CIELCh(91, 17.427, 96.232)

Conversions

Conversions Part 1

Format	Color
Hex	EFE5C4
RGB	239, 229, 196
RGB Percent	94%, 90%, 77%
CMY	0.0622, 0.1014, 0.2308
CMYK	0.00, 0.04, 0.18, 0.06
HSL	46°, 58%, 85%
HSV	46°, 18%, 94%
XYZ	73.6819, 78.4833, 63.5708
YIQ	228.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

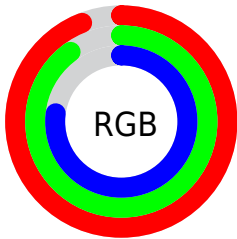
Format	Color
RYB	209, 239, 196
Decimal	15721924
CIELab	91.00, -1.89, 17.32
CIElCh	91, 17.427, 96.232
Yxy	78.4833, 0.3415, 0.3638
Android (android.graphics.Color)	4293912004 (0xFFEFE5C4)
YUV	228.2280, -15.8884, 9.4470
Hunter-Lab	88.5908, -6.5737, 19.4684

Details

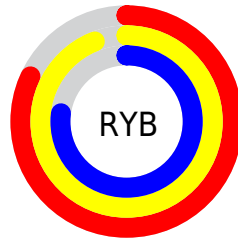
The CIELCh color **91, 17.427, 96.232** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 17.692, 280.769**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **71, 17.728, 96.595** is the 20% darker color. If you saturate the color by 10%, you get **89, 27.235, 95.005**, and if you desaturate by 10%, it is **93, 7.691, 97.428**.

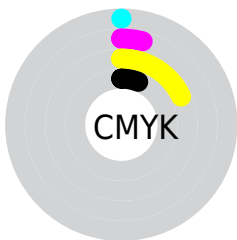
Distribution



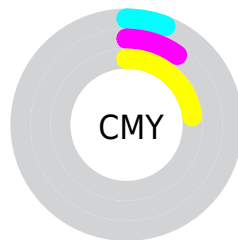
- Red (94%)
- Green (90%)
- Blue (77%)



- Red (82%)
- Yellow (94%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.427, 96.232 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, 17.427, 96.232 by changing the saturation by 10% instead.

 91, 17.427, 96.232

 91, 17.427, 96.232

 100, 17.427,
96.232

 81, 17.427, 96.232

 71, 17.427, 96.232

 61, 17.427, 96.232

 51, 17.427, 96.232

 41, 17.427, 96.232

 31, 17.427, 96.232

 21, 17.427, 96.232

 11, 17.427, 96.232

 1, 17.427, 96.232

91, 17.427, 96.232

91, 17.427, 96.232

89, 27.235, 95.005

93, 7.691, 97.428

87, 37.047, 93.737

95, 1.945, 278.718

86, 46.741, 92.443

97, 5.196, 264.326

84, 56.101, 91.122

98, 4.566, 223.183

82, 64.750, 89.766

99, 5.453, 199.181

81, 72.094, 88.345

79, 77.337, 86.797

78, 79.871, 85.031

78, 80.225, 84.663

Harmonies

Complementary

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



91, 17.427, 96.232



83, 17.692, 280.769

Rectangle

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



91, 17.427, 96.232



91, 17.427, 146.232



91, 17.427, 276.232



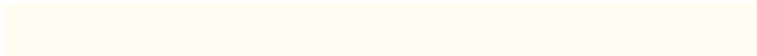
91, 17.427, 326.232

Sweetspot

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



91, 17.429, 96.240



99, 5.062, 97.761



83, 16.842, 2.549



53, 3.456, 97.684



0, 0.000, 0.000



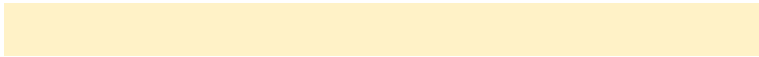
53, 0.007, 296.813

Same Dimension

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



91, 17.429, 96.240



96, 22.504, 95.739



93, 22.451, 119.443



49, 5.490, 97.255



61, 65.896, 85.013



18, 26.277, 87.633

Inverse Universe

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



83, 17.692, 280.769



85, 22.926, 281.407



81, 23.280, 301.755



47, 5.540, 279.574



27, 88.060, 301.283



5, 31.651, 293.952

Previews

White Background



This preview shows how the CIELCh color 91, 17.427, 96.232 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, 17.427, 96.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

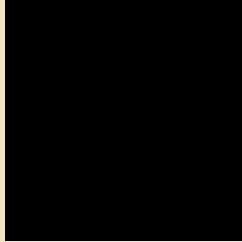
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

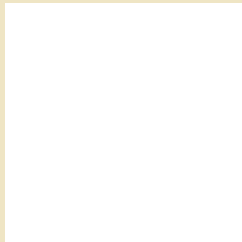
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 17.427, 96.232

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.427, 96.232.

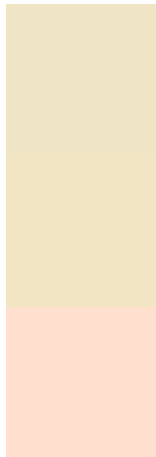


This preview shows how white text looks on a background with the CIELCh color 91, 17.427, 96.232.

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

91, 17.427, 96.232

Protanopia

91, 17.609, 93.806

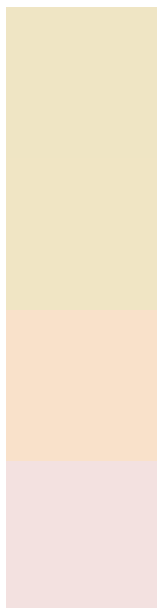
Deuteranopia

91, 14.973, 55.751



Tritanopia
91, 11.817, 332.044

Trichromacy



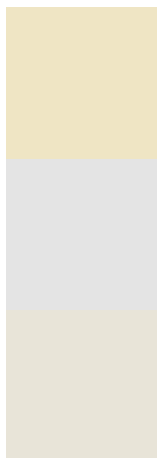
Original Color
91, 17.427, 96.232

Protanomaly
91, 17.513, 95.013

Deuteranomaly
91, 14.980, 71.919

Tritanomaly
91, 6.556, 24.281

Monochromacy



Original Color
91, 17.427, 96.232

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.359, 96.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.427, 96.232 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, 229, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 229, 196)  
}
```

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, 229, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.427, 96.232 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, 229, 196) }
```

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

```
.border{ border-color:rgb(239, 229, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 229, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 229, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 229, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 229,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.427, 96.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 196) }
```

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

```
.background{ background-color: rgb(239,  
229, 196) }
```

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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