

Converting Colors

CIELCh(91, 17.457, 101.482)

Have a look what the booklet for
CIELCh(91, 17.457, 101.482)
contains.

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Color

CIELCh(91, 17.659, 101.370)

Conversions

Conversions Part 1

Format	Color
Hex	ECE6C4
RGB	236, 230, 196
RGB Percent	93%, 90%, 77%
CMY	0.0741, 0.0977, 0.2310
CMYK	0.00, 0.03, 0.17, 0.07
HSL	51°, 51%, 85%
HSV	51°, 17%, 93%
XYZ	72.9195, 78.4833, 63.5840
YIQ	227.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

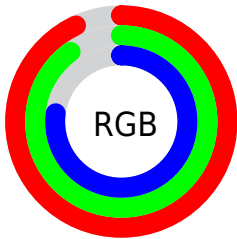
Format	Color
RYB	203, 236, 196
Decimal	15525572
CIELab	91.00, -3.48, 17.31
CIELCh	91, 17.659, 101.370
Yxy	78.4833, 0.3392, 0.3651
Android (android.graphics.Color)	4293715652 (0xFFECE6C4)
YUV	227.9180, -15.7356, 7.0879
Hunter-Lab	88.5908, -8.1097, 19.4596

Details

The CIELCh color **91, 17.659, 101.370** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 18.108, 285.346**, 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, 17.985, 101.953** is the 20% darker color. If you saturate the color by 10%, you get **90, 28.098, 100.240**, and if you desaturate by 10%, it is **92, 7.218, 102.480**.

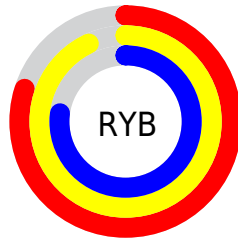
Distribution



Red (93%)

Green (90%)

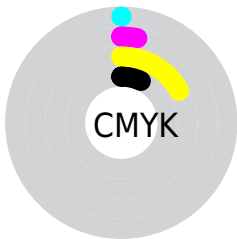
Blue (77%)



Red (80%)

Yellow (93%)

Blue (77%)

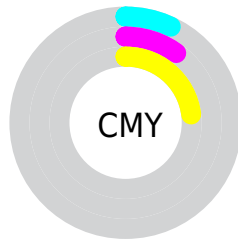


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (10%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 17.659, 101.370 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, 17.659, 101.370 by changing the saturation by 10% instead.


 91, 17.659,
101.370


 91, 17.659,
101.370


 100, 17.659,
101.370


 81, 17.659,
101.370


 71, 17.659,
101.370

 61, 17.659,
101.370

 51, 17.659,
101.370

 41, 17.659,
101.370

 31, 17.659,
101.370

 21, 17.659,

101.370

■ 11, 17.659,
101.370

■ 1, 17.659, 101.370

■ 91, 17.659,
101.370

■ 91, 17.659,
101.370

■ 90, 28.098,
100.240

■ 92, 7.218, 102.480

■ 88, 38.448, 99.085

■ 94, 3.184, 283.628

■ 87, 48.568, 97.924

■ 95, 7.483, 278.544

■ 86, 58.218, 96.769

■ 96, 6.134, 263.493

■ 85, 67.013, 95.630

■ 97, 5.397, 242.490

■ 98, 5.517, 219.091

■ 84, 74.376, 94.510

■ 99, 6.437, 199.692

■ 83, 79.591, 93.396

■ 99, 6.483, 199.097

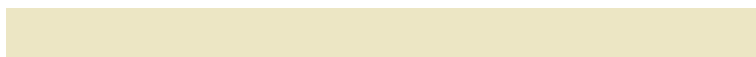
■ 82, 82.114, 92.254

■ 82, 82.571, 91.901

Harmonies

Complementary

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



91, 17.659, 101.370



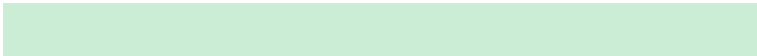
82, 18.108, 285.346

Rectangle

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



91, 17.659, 101.370



91, 17.659, 151.370



91, 17.659, 281.370



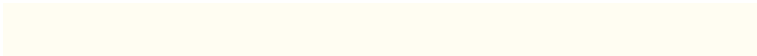
91, 17.659, 331.370

Sweetspot

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



91, 17.661, 101.377



99, 5.527, 102.682



83, 15.297, 8.737



53, 3.772, 102.609



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, 17.661, 101.377



97, 22.199, 101.023



91, 21.230, 122.761



49, 5.881, 102.207



64, 67.778, 92.108



19, 26.832, 94.227

Inverse Universe

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



82, 18.108, 285.346



85, 22.872, 285.796



81, 21.890, 304.640



46, 5.969, 284.364



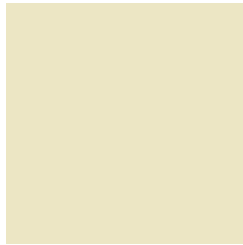
24, 94.921, 303.854



4, 32.036, 294.773

Previews

White Background



This preview shows how the CIELCh color 91, 17.659, 101.370 looks on a white background.

Color Contrast Check

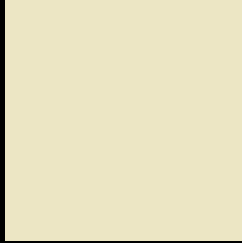
Large Text (above 18pt) WCAG AA × Fail

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 91, 17.659, 101.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

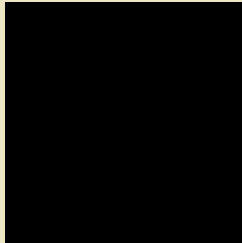
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

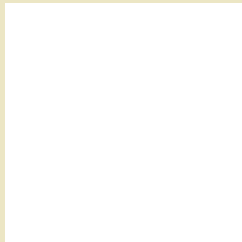
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 17.659, 101.370

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.659, 101.370.

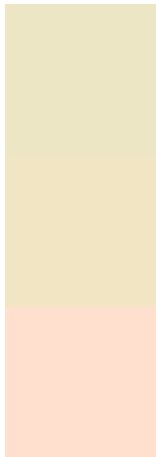


This preview shows how white text looks on a background with the CIELCh color 91, 17.659, 101.370.

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](#).

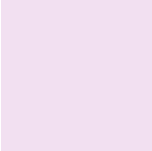
Dichromacy



Original Color
91, 17.659, 101.370

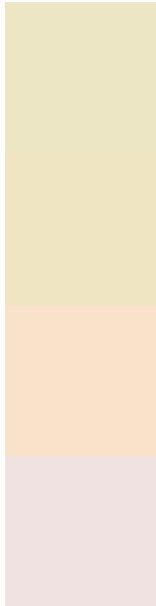
Protanopia
91, 18.108, 94.164

Deuteranopia
91, 14.973, 55.751



Tritanopia
91, 10.921, 326.358

Trichromacy



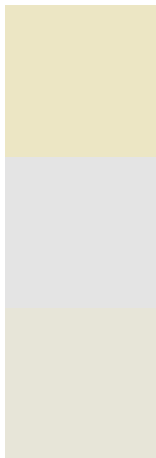
Original Color
91, 17.659, 101.370

Protanomaly
91, 17.930, 96.529

Deuteranomaly
91, 14.944, 75.369

Tritanomaly
91, 5.088, 25.459

Monochromacy



Original Color
91, 17.659, 101.370

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.747, 103.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.659, 101.370 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, 230, 196)` looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 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(236, 230, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.659, 101.370 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, 230, 196) }
```

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

```
.border{ border-color:rgb(236, 230, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 230, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.659, 101.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 196) }
```

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

```
.background{ background-color: rgb(236,  
230, 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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