

Converting Colors

CIELCh(91, 17.803, 130.639)

Have a look what the booklet for
CIELCh(91, 17.803, 130.639)
contains.

CIELCh(91, 17.818, 130.637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 17.818, 130.637)

Conversions

Conversions Part 1

Format	Color
Hex	D9EBCB
RGB	217, 235, 203
RGB Percent	85%, 92%, 80%
CMY	0.1490, 0.0784, 0.2039
CMYK	0.08, 0.00, 0.14, 0.08
HSL	94°, 44%, 86%
HSV	94°, 14%, 92%
XYZ	69.1059, 78.4833, 68.0089
YIQ	225.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

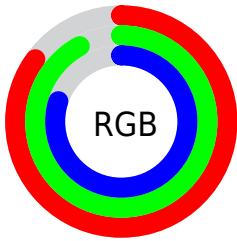
Format	Color
RYB	203, 235, 221
Decimal	14281675
CIELab	91.00, -11.60, 13.52
CIELCh	91, 17.818, 130.637
Yxy	78.4833, 0.3205, 0.3640
Android (android.graphics.Color)	4292471755 (0xFFD9EBCB)
YUV	225.9700, -11.3242, -7.8667
Hunter-Lab	88.5908, -15.7937, 16.4982

Details

The CIELCh color **91, 17.818, 130.637** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 18.112, 311.809**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 17.604, 130.645** is the 20% darker color. If you saturate the color by 10%, you get **90, 30.920, 130.162**, and if you desaturate by 10%, it is **92, 4.715, 131.106**.

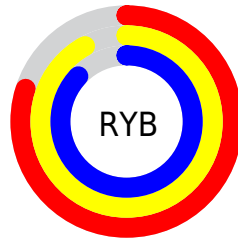
Distribution



Red (85%)

Green (92%)

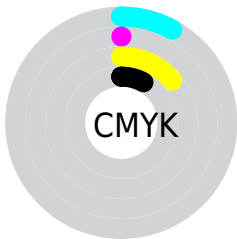
Blue (80%)



Red (80%)

Yellow (92%)

Blue (87%)

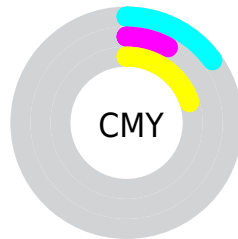


Cyan (8%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.818, 130.637 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, 17.818, 130.637 by changing the saturation by 10% instead.

■ 91, 17.818,
130.637

■ 91, 17.818,
130.637

■ 100, 17.818,
130.637

■ 81, 17.818,
130.637

■ 71, 17.818,
130.637

■ 61, 17.818,
130.637

■ 51, 17.818,
130.637

■ 41, 17.818,
130.637

■ 31, 17.818,
130.637

■ 21, 17.818,

130.637

■ 11, 17.818,
130.637

■ 1, 17.818, 130.637

■ 91, 17.818,
130.637

■ 91, 17.818,
130.637

■ 90, 30.920,
130.162

■ 92, 4.715, 131.106

■ 88, 43.889,
129.670

■ 94, 8.308, 311.459

■ 95, 12.476,
324.850

■ 87, 56.547,
129.189

■ 86, 68.639,
128.764

■ 85, 79.797,
128.469

■ 85, 89.529,
128.412

■ 84, 97.264,
128.724

■ 83, 102.559,
129.513

■ 83, 104.853,
130.203

Harmonies

Complementary

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



91, 17.818, 130.637



84, 18.112, 311.809

Rectangle

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



91, 17.818, 130.637



91, 17.818, 180.637



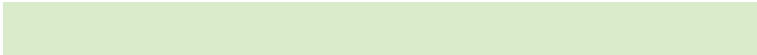
91, 17.818, 310.637



91, 17.818, 0.637

Sweetspot

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



91, 17.820, 130.639



99, 5.571, 131.086



89, 10.603, 78.868



53, 3.961, 131.049



0, 0.000, 0.000



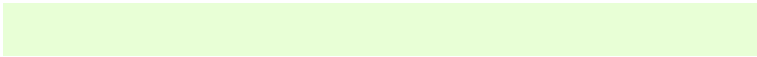
53, 0.007, 296.813

Same Dimension

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



91, 17.820, 130.639



97, 22.379, 130.524



90, 19.640, 144.974



48, 7.415, 130.831



66, 86.002, 129.940



19, 34.371, 129.306

Inverse Universe

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



84, 18.112, 311.809



89, 22.808, 311.923



85, 19.666, 326.561



46, 7.505, 311.617



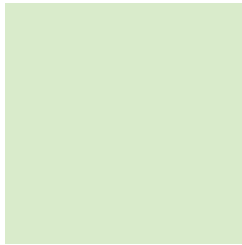
30, 95.189, 313.431



5, 37.984, 313.724

Previews

White Background



This preview shows how the CIELCh color 91, 17.818, 130.637 looks on a white background.

Color Contrast Check

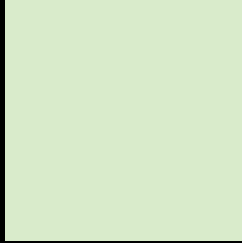
Large Text (above 18pt) WCAG AA × Fail

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, 17.818, 130.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

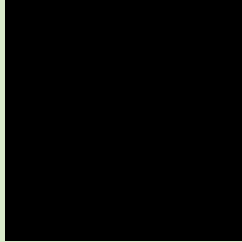
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

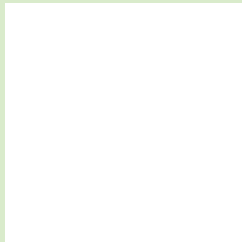
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 17.818, 130.637

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.818, 130.637.

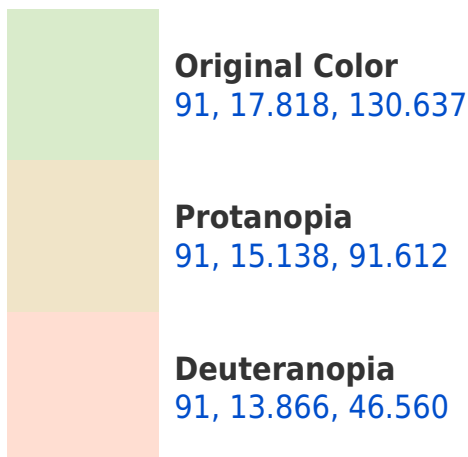


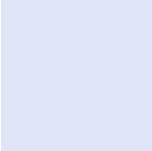
This preview shows how white text looks on a background with the CIELCh color 91, 17.818, 130.637.

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](#).

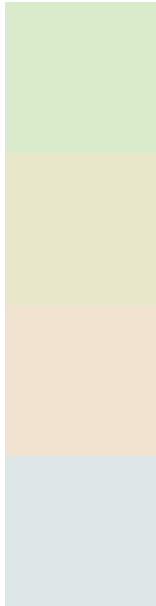
Dichromacy





Tritanopia
91, 9.460, 280.495

Trichromacy



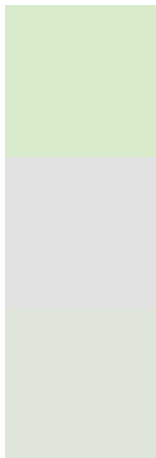
Original Color
91, 17.818, 130.637

Protanomaly
91, 15.461, 107.533

Deuteranomaly
91, 11.569, 82.493

Tritanomaly
91, 3.519, 199.339

Monochromacy



Original Color
91, 17.818, 130.637

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.109, 130.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.818, 130.637 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(217, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 235, 203)  
}
```

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(217, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 235, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.818, 130.637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

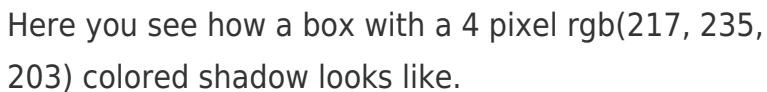
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 235, 203) }
```

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

```
.border{ border-color:rgb(217, 235, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 235, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 235,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.818, 130.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 235, 203) }
```

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

```
.background{ background-color: rgb(217,  
235, 203) }
```

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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