

Converting Colors

CIELCh(91, 18.899, 120.049)

Have a look what the booklet for
CIELCh(91, 18.899, 120.049)
contains.

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Color

CIELCh(91, 18.914, 120.045)

Conversions

Conversions Part 1

Format	Color
Hex	E0EAC6
RGB	224, 234, 198
RGB Percent	88%, 92%, 78%
CMY	0.1230, 0.0838, 0.2249
CMYK	0.04, 0.00, 0.15, 0.08
HSL	77°, 46%, 85%
HSV	77°, 15%, 92%
XYZ	70.0947, 78.4833, 64.6625
YIQ	226.9060, 5.5960, -13.3160

Conversions

Conversions Part 2

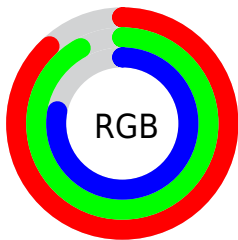
Format	Color
R _Y B	198, 234, 208
Decimal	14740166
CIE Lab	91.00, -9.47, 16.37
CIE LCh	91, 18.914, 120.045
Yxy	78.4833, 0.3287, 0.3681
Android (android.graphics.Color)	4292930246 (0xFFE0EAC6)
YUV	226.9060, -14.2507, -2.5486
Hunter-Lab	88.5908, -13.8013, 18.7378

Details

The CIELCh color **91, 18.914, 120.045** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 19.502, 301.965**, 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, 18.750, 119.317** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.095, 119.435**, and if you desaturate by 10%, it is **92, 6.638, 120.657**.

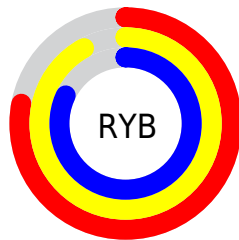
Distribution



Red (88%)

Green (92%)

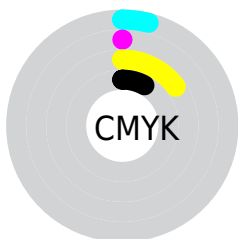
Blue (78%)



Red (78%)

Yellow (92%)

Blue (82%)

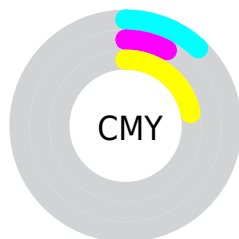


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (12%)


Magenta (8%)


Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 18.914, 120.045 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, 18.914, 120.045 by changing the saturation by 10% instead.


 91, 18.914,
120.045


 91, 18.914,
120.045


 100, 18.914,
120.045


 81, 18.914,
120.045


 71, 18.914,
120.045

 61, 18.914,
120.045

 51, 18.914,
120.045

 41, 18.914,
120.045

 31, 18.914,
120.045

 21, 18.914,

120.045

■ 11, 18.914,
120.045

■ 1, 18.914, 120.045

■ 91, 18.914,
120.045

■ 91, 18.914,
120.045

■ 90, 31.095,
119.435

■ 92, 6.638, 120.657

■ 89, 43.060,
118.833

■ 93, 5.659, 301.224

■ 88, 54.638,
118.274

■ 94, 11.541,
307.462

■ 88, 65.571,
117.806

■ 94, 12.383,
317.555

■ 95, 13.338,
324.882

■ 87, 75.479,
117.500

■ 87, 83.857,
117.451

■ 86, 90.143,
117.769

■ 86, 93.975,
118.541

■ 86, 95.153,
119.000

Harmonies

Complementary

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



91, 18.914, 120.045



82, 19.502, 301.965

Rectangle

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



91, 18.914, 120.045



91, 18.914, 170.045



91, 18.914, 300.045



91, 18.914, 350.045

Sweetspot

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



91, 18.916, 120.049



99, 6.591, 120.680



85, 11.172, 46.650



53, 4.497, 120.638



0, 0.000, 0.000



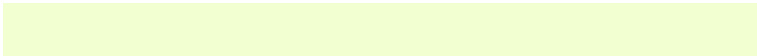
53, 0.007, 296.813

Same Dimension

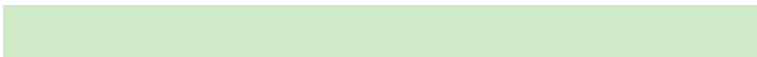
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 18.916, 120.049



98, 23.713, 119.885



90, 21.260, 137.092



49, 7.003, 120.411



68, 78.509, 118.772



20, 31.701, 118.098

Inverse Universe

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



82, 19.502, 301.965



86, 24.580, 302.161



83, 21.453, 318.466



45, 7.139, 301.553



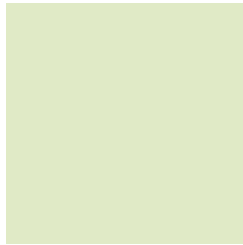
24, 100.767, 308.063



3, 36.550, 304.522

Previews

White Background



This preview shows how the CIELCh color 91, 18.914, 120.045 looks on a white background.

Color Contrast Check

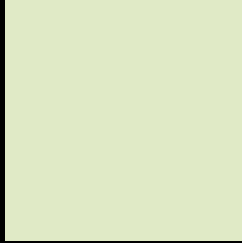
Large Text (above 18pt) WCAG AA × Fail

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, 18.914, 120.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

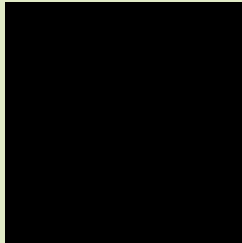
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

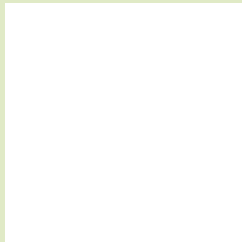
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 18.914, 120.045

Background



This preview shows how black text looks on a background with the CIELCh color 91, 18.914, 120.045.

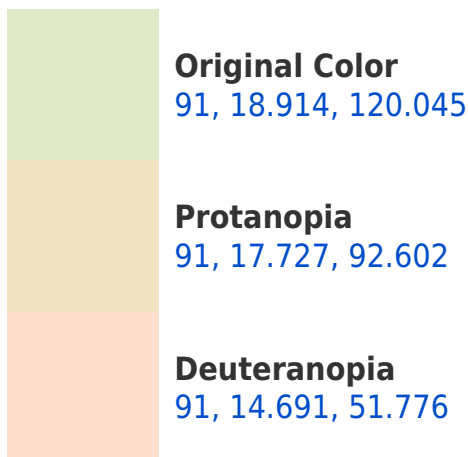


This preview shows how white text looks on a background with the CIELCh color 91, 18.914, 120.045.

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](#).

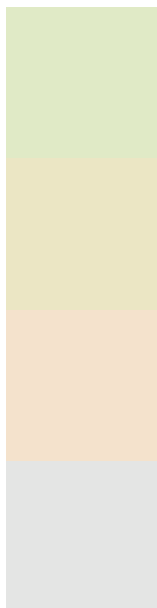
Dichromacy





Tritanopia
91, 9.420, 297.259

Trichromacy



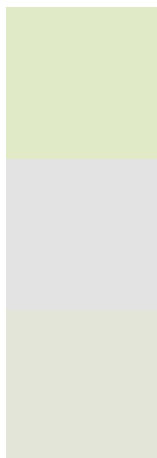
Original Color
91, 18.914, 120.045

Protanomaly
91, 17.616, 102.594

Deuteranomaly
91, 13.231, 78.509

Tritanomaly
91, 0.623, 144.876

Monochromacy



Original Color
91, 18.914, 120.045

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.817, 118.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 18.914, 120.045 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(224, 234, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 198)  
}
```

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(224, 234, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 18.914, 120.045 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(224, 234, 198) }
```

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

```
.border{ border-color:rgb(224, 234, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 234, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 234, 198); box-shadow:4px 4px 4px 4px rgb(224, 234, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 18.914, 120.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 198) }
```

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

```
.background{ background-color: rgb(224,  
234, 198) }
```

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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