

Converting Colors

CIELCh(92, 14.296, 114.749)

Have a look what the booklet for
CIELCh(92, 14.296, 114.749)
contains.

CIELCh(92, 14.479, 114.881)	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(92, 14.479, 114.881)

Conversions

Conversions Part 1

Format	Color
Hex	E7EBCF
RGB	231, 235, 207
RGB Percent	91%, 92%, 81%
CMY	0.0951, 0.0794, 0.1892
CMYK	0.02, 0.00, 0.12, 0.08
HSL	69°, 41%, 87%
HSV	69°, 12%, 92%
XYZ	73.7350, 80.7044, 70.5584
YIQ	230.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

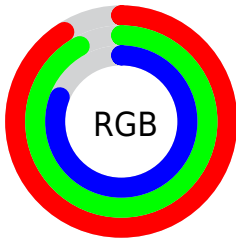
Format	Color
R_{YB}	207, 235, 211
Decimal	15199183
CIE _{Lab}	92.00, -6.09, 13.14
CIE _{LCh}	92, 14.479, 114.881
Y _{xy}	80.7044, 0.3277, 0.3587
Android (android.graphics.Color)	4293389263 (0xFFE7EBCF)
YUV	230.6120, -11.6407, 0.3403
Hunter-Lab	89.8356, -10.7038, 16.3176

Details

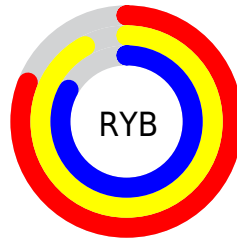
The CIELCh color **92, 14.479, 114.881** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 14.872, 296.758**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 14.154, 115.149** is the 20% darker color. If you saturate the color by 10%, you get **91, 26.537, 114.120**, and if you desaturate by 10%, it is **93, 2.334, 115.639**.

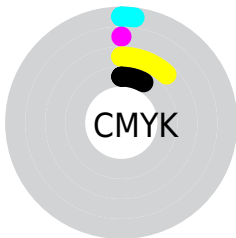
Distribution



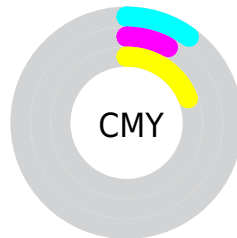
- Red (91%)
- Green (92%)
- Blue (81%)



- Red (81%)
- Yellow (92%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)





- Cyan (10%)
- Magenta (8%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 14.479, 114.881 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 92, 14.479, 114.881 by changing the saturation by 10% instead.


 92, 14.479,
114.881


 92, 14.479,
114.881


 100, 14.479,
114.881


 82, 14.479,
114.881


 72, 14.479,
114.881

 62, 14.479,
114.881

 52, 14.479,
114.881

 42, 14.479,
114.881

 32, 14.479,
114.881

 22, 14.479,

114.881

■ 12, 14.479,
114.881

■ 2, 14.479, 114.881

■ 92, 14.479,
114.881

■ 92, 14.479,
114.881

■ 91, 26.537,
114.120

■ 93, 2.334, 115.639

■ 91, 38.403,
113.359

■ 94, 9.837, 296.377

■ 90, 49.929,
112.628

■ 94, 10.684,
302.251

■ 90, 60.887,
111.964

■ 94, 10.981,
308.204

■ 94, 11.388,
313.825

■ 89, 70.932,
111.416

■ 95, 11.896,
319.046

■ 89, 79.585,
111.053

■ 95, 12.496,
323.834

■ 88, 86.274,
110.955

■ 95, 12.643,
324.856

■ 88, 90.521,
111.195

■ 88, 92.340,
111.617

Harmonies

Complementary

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



92, 14.479, 114.881



84, 14.872, 296.758

Rectangle

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



92, 14.479, 114.881



92, 14.479, 164.881



92, 14.479, 294.881



92, 14.479, 344.881

Sweetspot

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



92, 14.481, 114.887



100, 5.193, 115.485



86, 9.227, 32.149



53, 3.692, 115.428



0, 0.000, 0.000



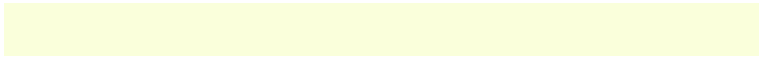
53, 0.007, 296.813

Same Dimension

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



92, 14.481, 114.887



99, 18.169, 114.724



91, 15.880, 133.085



49, 6.896, 115.074



70, 75.985, 111.479



21, 30.914, 111.297

Inverse Universe

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



84, 14.872, 296.758



89, 18.746, 296.951



85, 16.071, 314.076



45, 7.047, 296.543



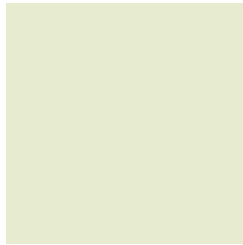
22, 102.545, 306.852



3, 36.072, 301.117

Previews

White Background



This preview shows how the CIELCh color 92, 14.479, 114.881 looks on a white background.

Color Contrast Check

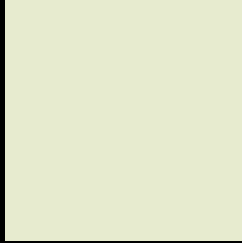
Large Text (above 18pt) WCAG AA × Fail

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 92, 14.479, 114.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

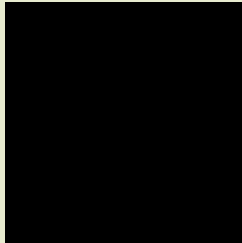
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

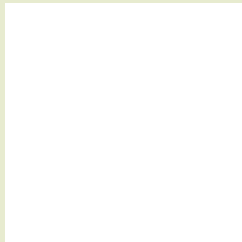
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.479, 114.881

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.479, 114.881.

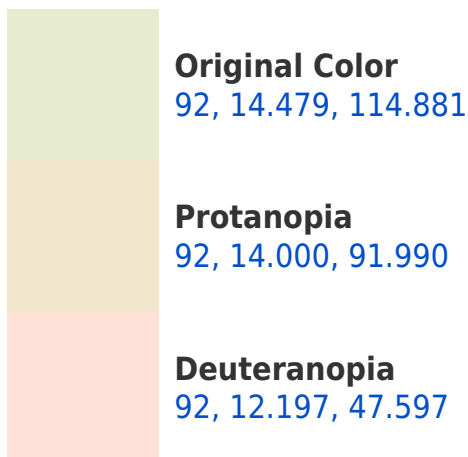


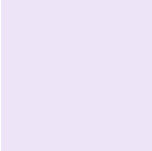
This preview shows how white text looks on a background with the CIELCh color 92, 14.479, 114.881.

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](#).

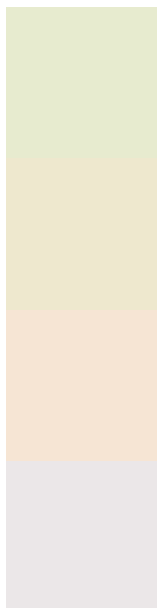
Dichromacy





Tritanopia
92, 9.768, 307.438

Trichromacy



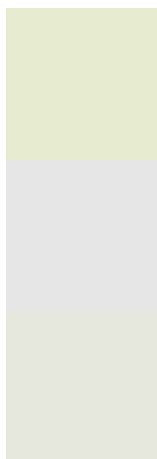
Original Color
92, 14.479, 114.881

Protanomaly
92, 13.561, 99.606

Deuteranomaly
92, 10.795, 73.678

Tritanomaly
92, 1.526, 359.309

Monochromacy



Original Color
92, 14.479, 114.881

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 5.211, 117.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.479, 114.881 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(231, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 207)  
}
```

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(231, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.479, 114.881 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(231, 235, 207) }
```

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

```
.border{ border-color:rgb(231, 235, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 235, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.479, 114.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 235, 207) }
```

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

```
.background{ background-color: rgb(231,  
235, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor