

Converting Colors

CIELCh(92, 13.655, 92.561)

Have a look what the booklet for
CIELCh(92, 13.655, 92.561) contains.

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Color

CIELCh(92, 13.507, 91.415)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7CE
RGB	242, 231, 206
RGB Percent	95%, 91%, 81%
CMY	0.0499, 0.0930, 0.1911
CMYK	0.00, 0.05, 0.15, 0.05
HSL	42°, 59%, 88%
HSV	42°, 15%, 95%
XYZ	76.5424, 80.7044, 70.1096
YIQ	231.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

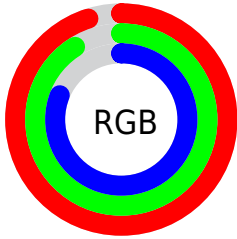
Format	Color
R_{YB}	222, 242, 206
Decimal	15919054
CIE _{Lab}	92.00, -0.33, 13.50
CIE _{LCh}	92, 13.507, 91.415
Y _{xy}	80.7044, 0.3367, 0.3550
Android (android.graphics.Color)	4294109134 (0xFFFF2E7CE)
Y _{UV}	231.4390, -12.5414, 9.2620
Hunter-Lab	89.8356, -5.1256, 16.6138

Details

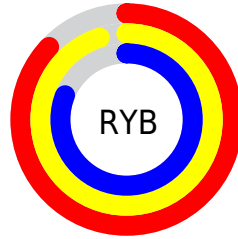
The CIELCh color **92, 13.507, 91.415** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 13.536, 275.320**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.590, 91.888** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.800, 90.136**, and if you desaturate by 10%, it is **94, 4.372, 92.640**.

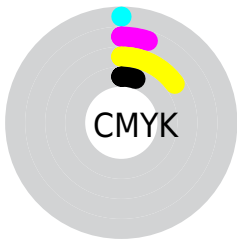
Distribution



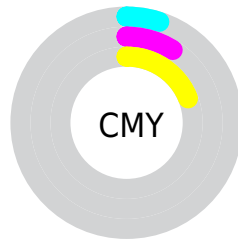
- Red (95%)
- Green (91%)
- Blue (81%)



- Red (87%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.507, 91.415 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, 13.507, 91.415 by changing the saturation by 10% instead.

 92, 13.507, 91.415

 92, 13.507, 91.415

 100, 13.507,
91.415

 82, 13.507, 91.415

 72, 13.507, 91.415

 62, 13.507, 91.415

 52, 13.507, 91.415

 42, 13.507, 91.415

 32, 13.507, 91.415

 22, 13.507, 91.415

 12, 13.507, 91.415

 2, 13.507, 91.415

92, 13.507, 91.415

92, 13.507, 91.415

90, 22.800, 90.136

94, 4.372, 92.640

87, 32.215, 88.802

97, 4.598, 273.961

85, 41.677, 87.428

99, 3.928, 210.676

83, 51.035, 86.010

99, 4.386, 199.278

81, 60.008, 84.531

79, 68.099, 82.945

77, 74.537, 81.158

75, 78.425, 79.015

74, 79.567, 77.782

Harmonies

Complementary

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



92, 13.507, 91.415



87, 13.536, 275.320

Rectangle

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



92, 13.507, 91.415



92, 13.507, 141.415



92, 13.507, 271.415



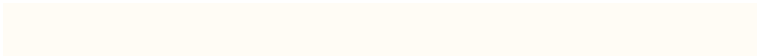
92, 13.507, 321.415

Sweetspot

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



92, 13.508, 91.425



99, 3.744, 92.732



86, 14.478, 356.251



53, 2.664, 92.650



0, 0.000, 0.000



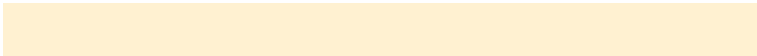
53, 0.007, 296.813

Same Dimension

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



92, 13.508, 91.425



95, 17.104, 91.020



94, 18.571, 116.303



50, 5.181, 92.094



58, 65.336, 78.256



18, 26.178, 81.063

Inverse Universe

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



87, 13.536, 275.320



89, 17.139, 275.812



84, 19.179, 298.499



48, 5.195, 274.551



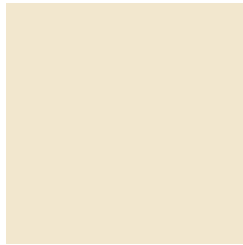
31, 80.650, 298.100



7, 30.590, 292.152

Previews

White Background



This preview shows how the CIE LCh color 92, 13.507, 91.415 looks on a white background.

Color Contrast Check

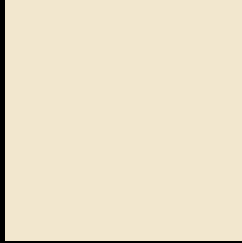
Large Text (above 18pt) WCAG AA × Fail

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 92, 13.507, 91.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

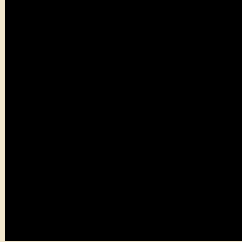
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

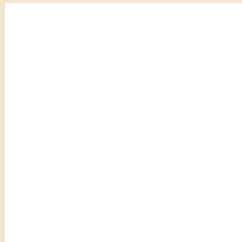
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 13.507, 91.415

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.507, 91.415.

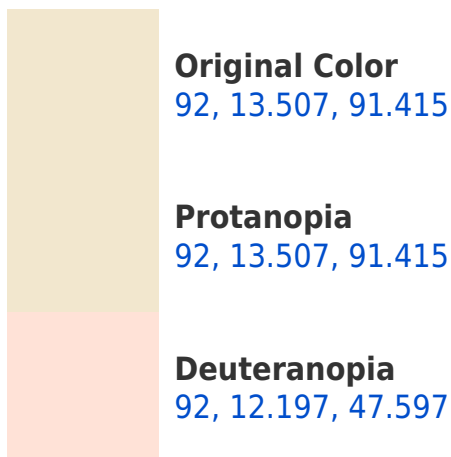


This preview shows how white text looks on a background with the CIELCh color 92, 13.507, 91.415.

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](#).

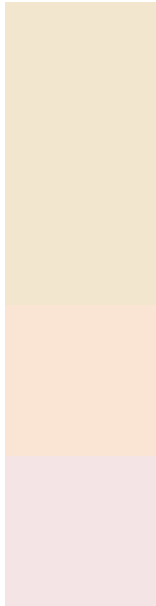
Dichromacy





Tritanopia
92, 11.953, 329.091

Trichromacy



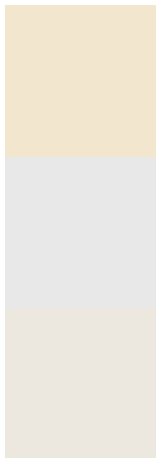
Original Color
92, 13.507, 91.415

Protanomaly
92, 13.507, 91.415

Deuteranomaly
92, 11.631, 64.734

Tritanomaly
92, 6.218, 10.212

Monochromacy



Original Color
92, 13.507, 91.415

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.842, 92.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.507, 91.415 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(242, 231, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 206)  
}
```

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(242, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.507, 91.415 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(242, 231, 206) }
```

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

```
.border{ border-color:rgb(242, 231, 206) }
```

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

Here you see how a box with a 4 pixel rgb(242, 231, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.507, 91.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 206) }
```

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

```
.background{ background-color: rgb(242,  
231, 206) }
```

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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