

Converting Colors

CIELCh(91, 13.443, 63.560)

Have a look what the booklet for
CIELCh(91, 13.443, 63.560) contains.

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Color

CIELCh(91, 13.232, 64.244)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1CF
RGB	250, 225, 207
RGB Percent	98%, 88%, 81%
CMY	0.0206, 0.1186, 0.1892
CMYK	0.00, 0.10, 0.17, 0.02
HSL	25°, 80%, 90%
HSV	25°, 17%, 98%
XYZ	77.4209, 78.4833, 69.9408
YIQ	230.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

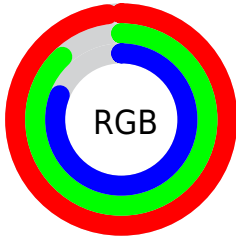
Format	Color
R _Y B	250, 238, 207
Decimal	16441807
CIE Lab	91.00, 5.75, 11.92
CIE LCh	91, 13.232, 64.244
Yxy	78.4833, 0.3428, 0.3475
Android (android.graphics.Color)	4294631887 (0xFFFAE1CF)
YUV	230.4230, -11.5475, 17.1690
Hunter-Lab	88.5908, 0.9601, 15.2052

Details

The CIELCh color **91, 13.232, 64.244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.356, 248.364**, 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 **71, 13.074, 64.633** is the 20% darker color. If you saturate the color by 10%, you get **87, 21.576, 63.210**, and if you desaturate by 10%, it is **95, 5.378, 65.275**.

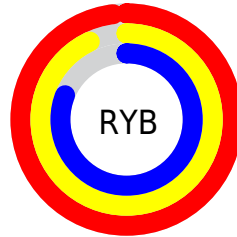
Distribution



Red (98%)

Green (88%)

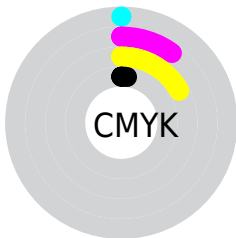
Blue (81%)



Red (98%)

Yellow (93%)

Blue (81%)

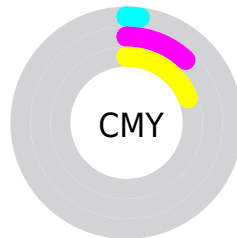


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.232, 64.244 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, 13.232, 64.244 by changing the saturation by 10% instead.

 91, 13.232, 64.244

 91, 13.232, 64.244

 100, 13.232,
64.244

 81, 13.232, 64.244

 71, 13.232, 64.244

 61, 13.232, 64.244

 51, 13.232, 64.244

 41, 13.232, 64.244

 31, 13.232, 64.244

 21, 13.232, 64.244

 11, 13.232, 64.244

 1, 13.232, 64.244

91, 13.232, 64.244

91, 13.232, 64.244

87, 21.576, 63.210

95, 5.378, 65.275

83, 30.445, 62.180

99, 1.529, 223.576

79, 39.844, 61.178

100, 1.825,
199.653

75, 49.724, 60.201

72, 59.916, 59.209

68, 70.016, 58.096

65, 79.178, 56.613

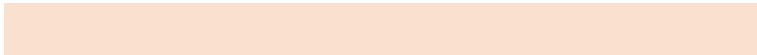
63, 86.067, 54.334

62, 87.727, 53.663

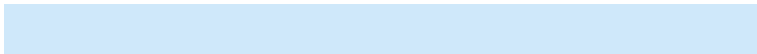
Harmonies

Complementary

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



91, 13.232, 64.244



91, 12.356, 248.364

Rectangle

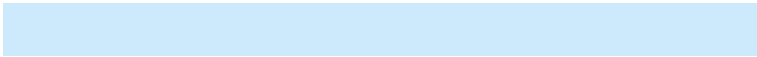
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 13.232, 64.244



91, 13.232, 114.244



91, 13.232, 244.244



91, 13.232, 294.244

Sweetspot

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



91, 13.232, 64.257



98, 3.765, 65.471



87, 20.253, 340.779



52, 2.575, 65.412



0, 0.000, 0.000



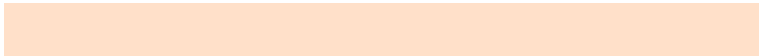
53, 0.007, 296.813

Same Dimension

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



91, 13.232, 64.257



91, 16.611, 63.857



96, 20.083, 104.795



50, 4.270, 65.053



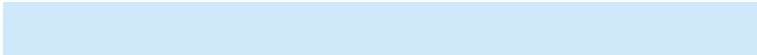
47, 70.692, 54.348



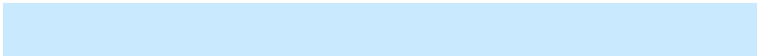
14, 26.121, 53.621

Inverse Universe

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



91, 12.356, 248.364



91, 15.250, 248.944



85, 20.749, 288.630



50, 4.123, 247.331



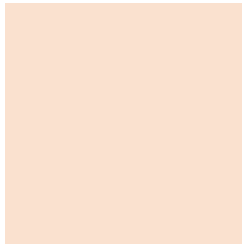
45, 48.867, 274.936



13, 19.893, 267.457

Previews

White Background



This preview shows how the CIE LCh color 91, 13.232, 64.244 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, 13.232, 64.244 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, 13.232, 64.244

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.232, 64.244.

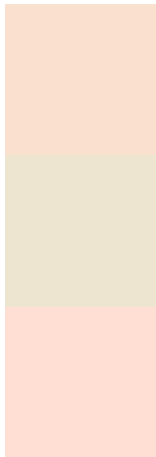


This preview shows how white text looks on a background with the CIELCh color 91, 13.232, 64.244.

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, 13.232, 64.244

Protanopia

91, 10.835, 91.386

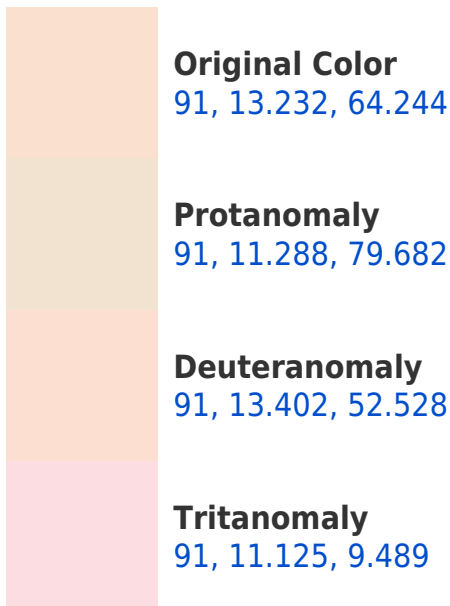
Deuteranopia

91, 13.620, 44.683

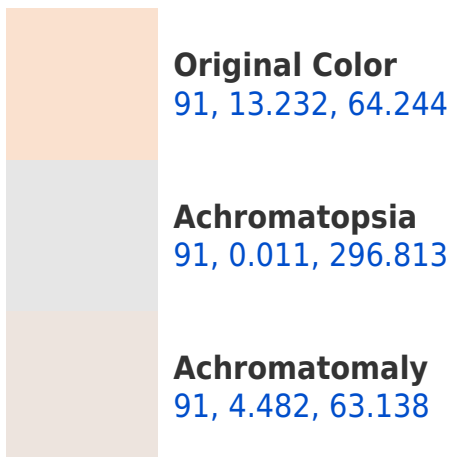


Tritanopia
91, 15.048, 344.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.232, 64.244 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(250, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 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(250, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.232, 64.244 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(250, 225, 207) }
```

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

```
.border{ border-color:rgb(250, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 225, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 225, 207); box-shadow:4px 4px 4px 4px rgb(250, 225, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.232, 64.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 207) }
```

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

```
.background{ background-color: rgb(250,  
225, 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](#).

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