

Converting Colors

CIELCh(91, 10.128, 55.047)

Have a look what the booklet for
CIELCh(91, 10.128, 55.047) contains.

CIELCh(91, 9.935, 54.590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 9.935, 54.590)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1D6
RGB	247, 225, 214
RGB Percent	97%, 88%, 84%
CMY	0.0313, 0.1176, 0.1608
CMYK	0.00, 0.09, 0.13, 0.03
HSL	20°, 67%, 90%
HSV	20°, 13%, 97%
XYZ	77.4243, 78.4833, 74.6893
YIQ	230.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

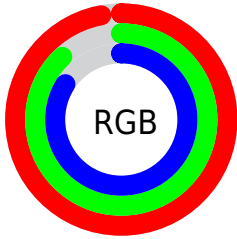
Format	Color
R _Y B	247, 231, 214
Decimal	16245206
CIE Lab	91.00, 5.76, 8.10
CIE LCh	91, 9.935, 54.590
Yxy	78.4833, 0.3358, 0.3403
Android (android.graphics.Color)	4294435286 (0xFFFF7E1D6)
YUV	230.3240, -8.0477, 14.6249
Hunter-Lab	88.5908, 0.9668, 12.0272

Details

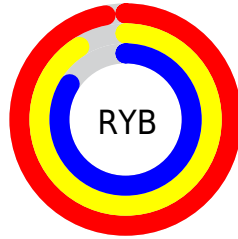
The CIELCh color **91, 9.935, 54.590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 9.273, 237.030**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.899, 56.928** is the 20% darker color. If you saturate the color by 10%, you get **86, 18.022, 53.897**, and if you desaturate by 10%, it is **96, 2.408, 55.210**.

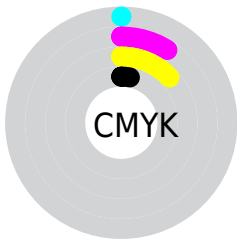
Distribution



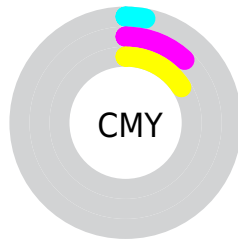
- Red (97%)
- Green (88%)
- Blue (84%)



- Red (97%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.935, 54.590 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, 9.935, 54.590 by changing the saturation by 10% instead.

 91, 9.935, 54.590	 91, 9.935, 54.590
 100, 9.935, 54.590	 81, 9.935, 54.590
	 71, 9.935, 54.590
	 61, 9.935, 54.590
	 51, 9.935, 54.590
	 41, 9.935, 54.590
	 31, 9.935, 54.590
	 21, 9.935, 54.590
	 11, 9.935, 54.590
	 1, 9.935, 54.590

91, 9.935, 54.590

91, 9.935, 54.590

86, 18.022, 53.897

96, 2.408, 55.210

82, 26.720, 53.237

99, 2.768, 199.469

78, 36.061, 52.657

73, 46.036, 52.169

70, 56.557, 51.763

66, 67.360, 51.375

63, 77.826, 50.815

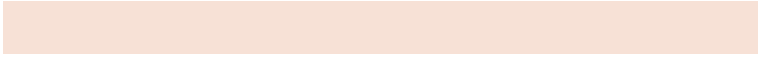
60, 86.688, 49.657

58, 91.232, 48.496

Harmonies

Complementary

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



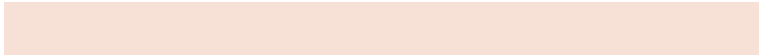
91, 9.935, 54.590



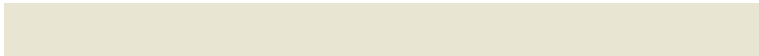
92, 9.273, 237.030

Rectangle

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



91, 9.935, 54.590



91, 9.935, 104.590



91, 9.935, 234.590



91, 9.935, 284.590

Sweetspot

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



91, 9.935, 54.606



98, 2.949, 55.197



89, 16.463, 336.604



52, 2.102, 55.168



0, 0.000, 0.000



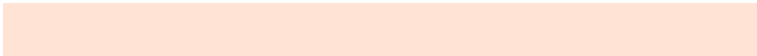
53, 0.007, 296.813

Same Dimension

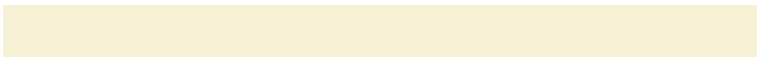
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 9.935, 54.606



92, 12.328, 54.415



95, 14.189, 100.831



49, 4.137, 54.881



44, 73.304, 49.117



12, 25.677, 45.497

Inverse Universe

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



92, 9.273, 237.030



94, 11.333, 237.319



88, 14.452, 283.966



49, 3.946, 236.650



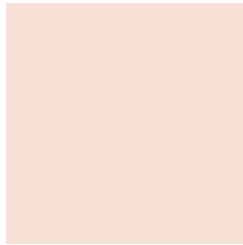
49, 40.925, 262.124



14, 16.912, 254.140

Previews

White Background



This preview shows how the CIE LCh color 91, 9.935, 54.590 looks on a white background.

Color Contrast Check

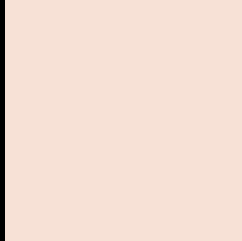
Large Text (above 18pt) WCAG AA × Fail

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, 9.935, 54.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

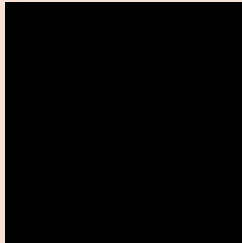
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

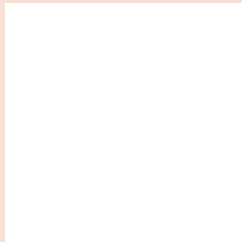
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.935, 54.590

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.935, 54.590.

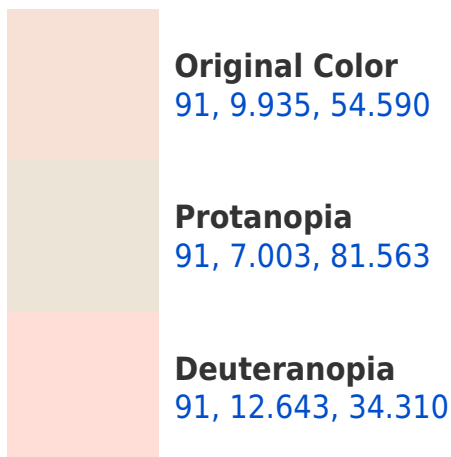


This preview shows how white text looks on a background with the CIELCh color 91, 9.935, 54.590.

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](#).

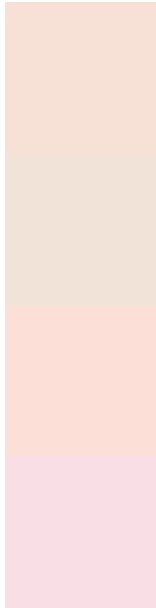
Dichromacy





Tritanopia
91, 13.955, 338.523

Trichromacy



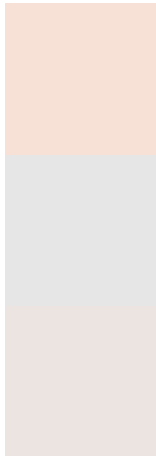
Original Color
91, 9.935, 54.590

Protanomaly
91, 8.047, 69.824

Deuteranomaly
91, 11.535, 40.961

Tritanomaly
91, 10.609, 357.217

Monochromacy



Original Color
91, 9.935, 54.590

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.535, 55.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.935, 54.590 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(247, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 214)  
}
```

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(247, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.935, 54.590 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(247, 225, 214) }
```

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

```
.border{ border-color:rgb(247, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.935, 54.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 214) }
```

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

```
.background{ background-color: rgb(247,  
225, 214) }
```

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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