

Converting Colors

CIELCh(91, 11.399, 49.287)

Have a look what the booklet for
CIELCh(91, 11.399, 49.287) contains.

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Color

CIELCh(91, 11.552, 49.305)

Conversions

Conversions Part 1

Format	Color
Hex	FBE0D5
RGB	251, 224, 213
RGB Percent	98%, 88%, 84%
CMY	0.0164, 0.1223, 0.1654
CMYK	0.00, 0.11, 0.15, 0.02
HSL	17°, 82%, 91%
HSV	17°, 15%, 98%
XYZ	78.3109, 78.4833, 73.8524
YIQ	230.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

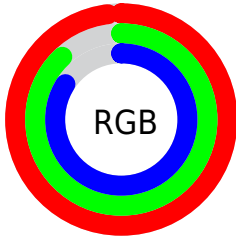
Format	Color
R_{YB}	251, 228, 213
Decimal	16507093
CIE Lab	91.00, 7.53, 8.76
CIE LCh	91, 11.552, 49.305
Yxy	78.4833, 0.3395, 0.3403
Android (android.graphics.Color)	4294697173 (0xFFFBE0D5)
YUV	230.8190, -8.7848, 17.6987
Hunter-Lab	88.5908, 2.7532, 12.5874

Details

The CIELCh color **91, 11.552, 49.305** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 10.585, 231.492**, 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 **71, 11.588, 51.005** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.946, 48.833**, and if you desaturate by 10%, it is **96, 3.776, 49.792**.

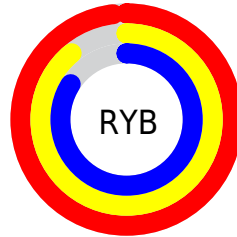
Distribution



Red (98%)

Green (88%)

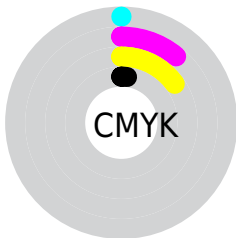
Blue (84%)



Red (98%)

Yellow (89%)

Blue (84%)

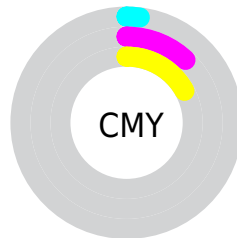


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.552, 49.305 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, 11.552, 49.305 by changing the saturation by 10% instead.

 91, 11.552, 49.305

 91, 11.552, 49.305

 100, 11.552,
49.305

 81, 11.552, 49.305

 71, 11.552, 49.305

 61, 11.552, 49.305

 51, 11.552, 49.305

 41, 11.552, 49.305

 31, 11.552, 49.305

 21, 11.552, 49.305

 11, 11.552, 49.305

 1, 11.552, 49.305

91, 11.552, 49.305

91, 11.552, 49.305

86, 19.946, 48.833

96, 3.776, 49.792

81, 29.013, 48.429

100, 1.453,
199.769

77, 38.779, 48.141

72, 49.227, 47.986

68, 60.243, 47.954

65, 71.516, 47.972

61, 82.315, 47.811

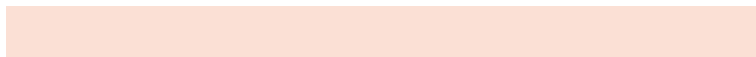
58, 91.153, 46.957

57, 94.546, 46.333

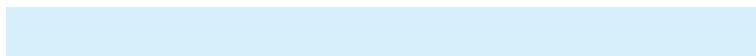
Harmonies

Complementary

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



91, 11.552, 49.305



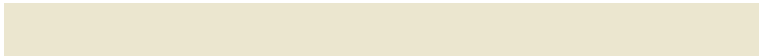
93, 10.585, 231.492

Rectangle

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



91, 11.552, 49.305



91, 11.552, 99.305



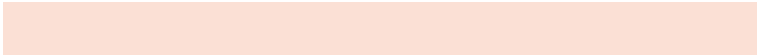
91, 11.552, 229.305



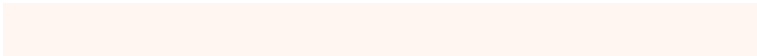
91, 11.552, 279.305

Sweetspot

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



91, 11.551, 49.319



97, 3.715, 49.796



89, 19.602, 334.644



52, 2.542, 49.774



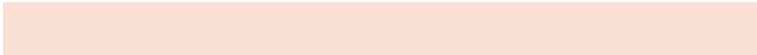
0, 0.000, 0.000



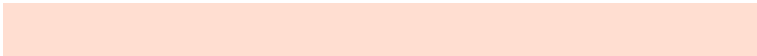
53, 0.007, 296.813

Same Dimension

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



91, 11.551, 49.319



91, 14.068, 49.174



96, 15.484, 97.601



50, 4.228, 49.607



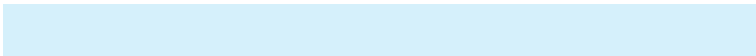
43, 75.854, 46.889



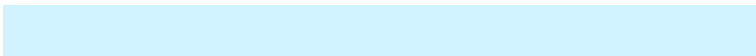
12, 27.462, 42.529

Inverse Universe

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



93, 10.585, 231.492



94, 12.658, 231.760



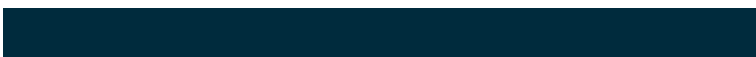
88, 15.715, 281.334



50, 4.012, 231.036



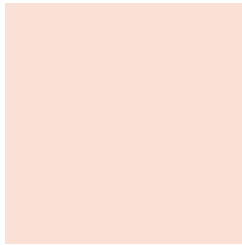
53, 38.453, 254.232



16, 16.572, 246.966

Previews

White Background



This preview shows how the CIE LCh color 91, 11.552, 49.305 looks on a white background.

Color Contrast Check

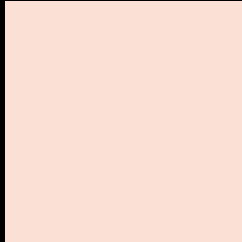
Large Text (above 18pt) WCAG AA × Fail

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 91, 11.552, 49.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

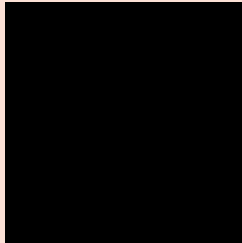
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

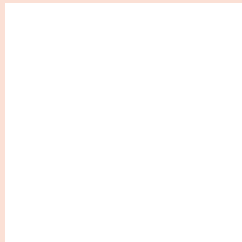
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 11.552, 49.305

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.552, 49.305.

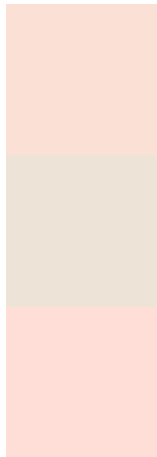


This preview shows how white text looks on a background with the CIELCh color 91, 11.552, 49.305.

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, 11.552, 49.305

Protanopia

91, 7.466, 83.356

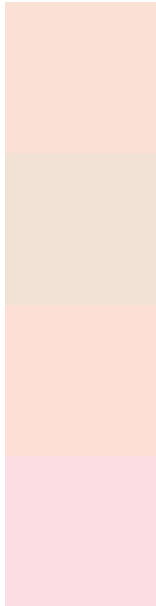
Deuteranopia

91, 12.802, 36.508



Tritanopia
91, 15.048, 344.772

Trichromacy



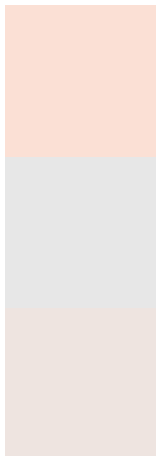
Original Color
91, 11.552, 49.305

Protanomaly
91, 8.552, 65.985

Deuteranomaly
91, 12.100, 42.569

Tritanomaly
91, 12.180, 3.021

Monochromacy



Original Color
91, 11.552, 49.305

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.150, 49.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.552, 49.305 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(251, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 213)  
}
```

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(251, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.552, 49.305 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(251, 224, 213) }
```

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

```
.border{ border-color:rgb(251, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.552, 49.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 213) }
```

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

```
.background{ background-color: rgb(251,  
224, 213) }
```

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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