

Converting Colors

CIELCh(91, 13.556, 55.375)

Have a look what the booklet for
CIELCh(91, 13.556, 55.375) contains.

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Color

CIELCh(91, 13.702, 56.870)

Conversions

Conversions Part 1

Format	Color
Hex	FDE0D0
RGB	253, 224, 208
RGB Percent	99%, 88%, 82%
CMY	0.0092, 0.1229, 0.1856
CMYK	0.00, 0.11, 0.18, 0.01
HSL	21°, 91%, 90%
HSV	21°, 18%, 99%
XYZ	78.2890, 78.4833, 70.4808
YIQ	230.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

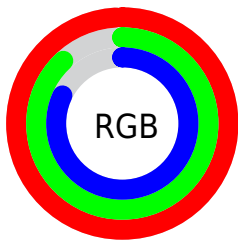
Format	Color
R _Y B	253, 233, 208
Decimal	16638160
CIE Lab	91.00, 7.49, 11.47
CIE LCh	91, 13.702, 56.870
Yxy	78.4833, 0.3445, 0.3454
Android (android.graphics.Color)	4294828240 (0xFFFDE0D0)
YUV	230.8470, -11.2636, 19.4282
Hunter-Lab	88.5908, 2.7092, 14.8438

Details

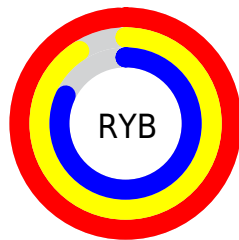
The CIELCh color **91, 13.702, 56.870** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 12.536, 240.431**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 13.577, 56.785** is the 20% darker color. If you saturate the color by 10%, you get **87, 22.176, 56.085**, and if you desaturate by 10%, it is **96, 5.799, 57.684**.

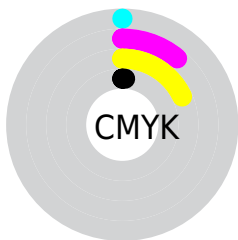
Distribution



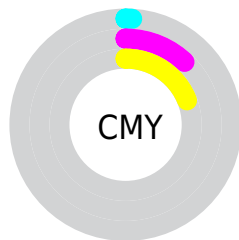
- Red (99%)
- Green (88%)
- Blue (82%)



- Red (99%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.702, 56.870 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, 13.702, 56.870 by changing the saturation by 10% instead.

 91, 13.702, 56.870

 91, 13.702, 56.870

 100, 13.702,
56.870

 81, 13.702, 56.870

 71, 13.702, 56.870

 61, 13.702, 56.870

 51, 13.702, 56.870

 41, 13.702, 56.870

 31, 13.702, 56.870

 21, 13.702, 56.870

 11, 13.702, 56.870

 1, 13.702, 56.870

91, 13.702, 56.870

91, 13.702, 56.870

87, 22.176, 56.085

96, 5.799, 57.684

82, 31.265, 55.341

100, 0.816,
200.165

78, 40.984, 54.667

74, 51.293, 54.066

70, 62.031, 53.504

67, 72.793, 52.870

63, 82.685, 51.886

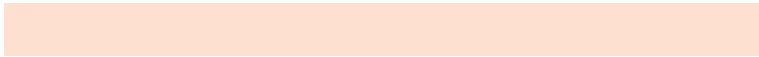
61, 90.234, 50.075

60, 91.700, 49.672

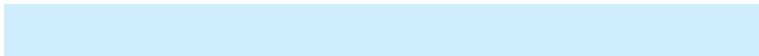
Harmonies

Complementary

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



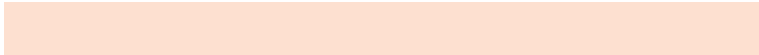
91, 13.702, 56.870



92, 12.536, 240.431

Rectangle

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



91, 13.702, 56.870



91, 13.702, 106.870



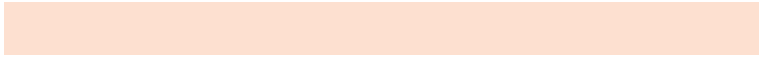
91, 13.702, 236.870



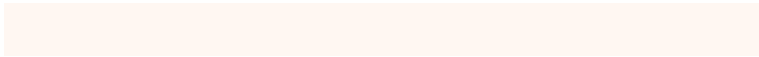
91, 13.702, 286.870

Sweetspot

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



91, 13.702, 56.883



98, 3.706, 57.873



88, 22.150, 337.691



52, 2.535, 57.831



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, 13.702, 56.883



90, 16.468, 56.623



96, 19.608, 101.267



51, 4.282, 57.553



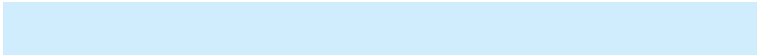
46, 73.931, 50.292



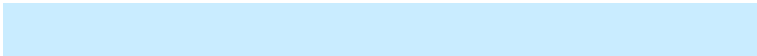
14, 27.885, 48.295

Inverse Universe

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



92, 12.536, 240.431



92, 14.800, 240.855



86, 20.133, 285.471



51, 4.095, 239.483



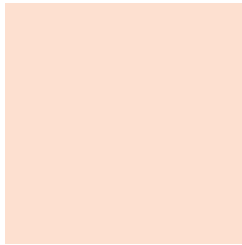
49, 43.565, 265.892



15, 18.554, 258.623

Previews

White Background



This preview shows how the CIELCh color 91, 13.702, 56.870 looks on a white background.

Color Contrast Check

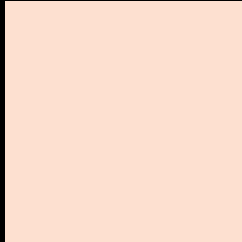
Large Text (above 18pt) WCAG AA × Fail

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, 13.702, 56.870 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, 13.702, 56.870

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.702, 56.870.

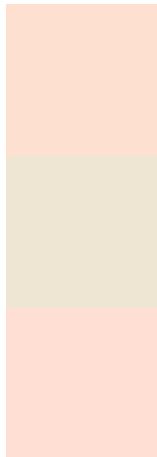


This preview shows how white text looks on a background with the CIELCh color 91, 13.702, 56.870.

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, 13.702, 56.870

Protanopia

91, 10.343, 90.574

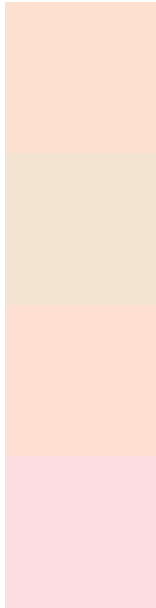
Deuteranopia

91, 13.390, 42.738



Tritanopia
91, 15.064, 347.227

Trichromacy



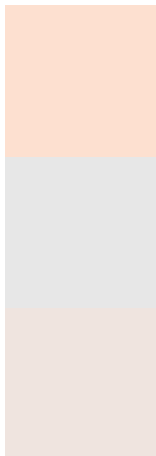
Original Color
91, 13.702, 56.870

Protanomaly
91, 11.036, 76.737

Deuteranomaly
91, 13.442, 49.886

Tritanomaly
91, 12.310, 8.186

Monochromacy



Original Color
91, 13.702, 56.870

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.735, 52.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.702, 56.870 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(253, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(253, 224, 208)  
}
```

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(253, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 224, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.702, 56.870 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(253, 224, 208) }
```

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

```
.border{ border-color:rgb(253, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(253, 224,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.702, 56.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 224, 208) }
```

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

```
.background{ background-color: rgb(253,  
224, 208) }
```

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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