

Converting Colors

CIELCh(91, 13.856, 45.923)

Have a look what the booklet for
CIELCh(91, 13.856, 45.923) contains.

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Color

CIELCh(91, 13.620, 44.683)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED3
RGB	255, 222, 211
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1280, 0.1712
CMYK	0.00, 0.13, 0.17, 0.00
HSL	15°, 100%, 91%
HSV	15°, 17%, 100%
XYZ	79.3943, 78.4833, 72.8249
YIQ	230.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

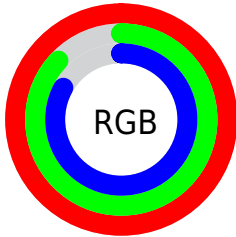
Format	Color
R _Y B	255, 226, 211
Decimal	16768723
CIE Lab	91.00, 9.68, 9.58
CIE LCh	91, 13.620, 44.683
Yxy	78.4833, 0.3441, 0.3402
Android (android.graphics.Color)	4294958803 (0xFFFFDED3)
YUV	230.6130, -9.6692, 21.3874
Hunter-Lab	88.5908, 4.9361, 13.2750

Details

The CIELCh color **91, 13.620, 44.683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 12.130, 226.783**, 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, 13.517, 43.917** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.267, 44.668**, and if you desaturate by 10%, it is **96, 5.387, 45.253**.

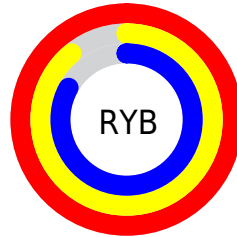
Distribution



Red (100%)

Green (87%)

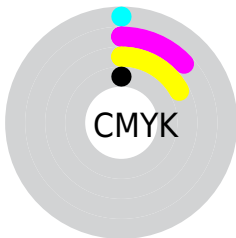
Blue (83%)



Red (100%)

Yellow (89%)

Blue (83%)

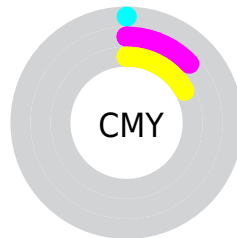


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.620, 44.683 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, 13.620, 44.683 by changing the saturation by 10% instead.

 91, 13.620, 44.683

 91, 13.620, 44.683

 100, 13.620,
44.683

 81, 13.620, 44.683

 71, 13.620, 44.683

 61, 13.620, 44.683

 51, 13.620, 44.683

 41, 13.620, 44.683

 31, 13.620, 44.683

 21, 13.620, 44.683

 11, 13.620, 44.683

 1, 13.620, 44.683

91, 13.620, 44.683

91, 13.620, 44.683

86, 22.267, 44.668

96, 5.387, 45.253

81, 31.764, 44.513

100, 0.012,
296.813

76, 42.001, 44.508

72, 52.940, 44.676

67, 64.432, 45.007

64, 76.093, 45.411

60, 87.040, 45.604

58, 95.542, 44.982

57, 97.592, 44.769

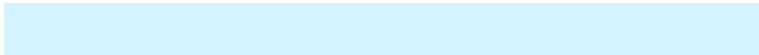
Harmonies

Complementary

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



91, 13.620, 44.683



94, 12.130, 226.783

Rectangle

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



91, 13.620, 44.683



91, 13.620, 94.683



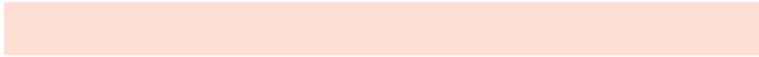
91, 13.620, 224.683



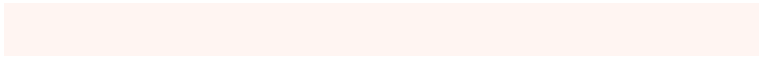
91, 13.620, 274.683

Sweetspot

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



91, 13.490, 44.938



97, 3.753, 45.293



89, 23.005, 333.467



52, 2.568, 45.284



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, 13.490, 44.938



89, 16.816, 44.822



96, 17.162, 95.156



50, 4.346, 45.184



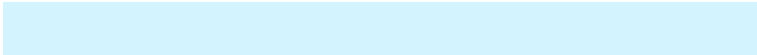
43, 78.115, 45.266



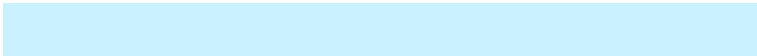
12, 29.217, 40.413

Inverse Universe

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



94, 12.130, 226.783



93, 14.720, 227.093



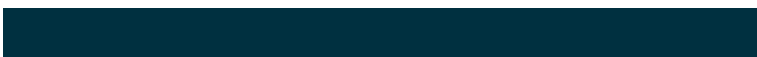
89, 17.363, 279.525



51, 4.108, 226.291



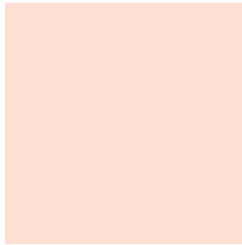
56, 36.967, 246.829



18, 16.515, 240.424

Previews

White Background



This preview shows how the CIE LCh color 91, 13.620, 44.683 looks on a white background.

Color Contrast Check

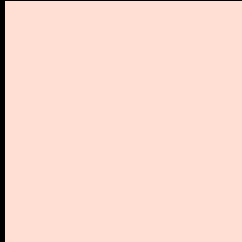
Large Text (above 18pt) WCAG AA × Fail

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, 13.620, 44.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

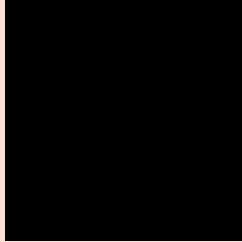
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

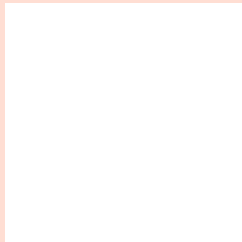
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.620, 44.683

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.620, 44.683.

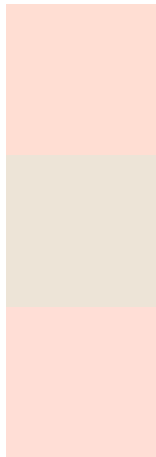


This preview shows how white text looks on a background with the CIELCh color 91, 13.620, 44.683.

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, 13.620, 44.683

Protanopia

91, 7.466, 83.356

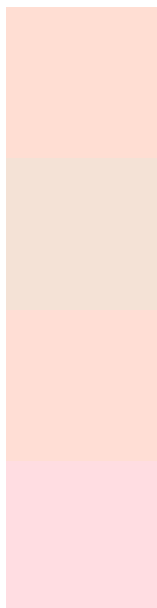
Deuteranopia

91, 12.980, 38.648



Tritanopia
91, 14.800, 348.919

Trichromacy



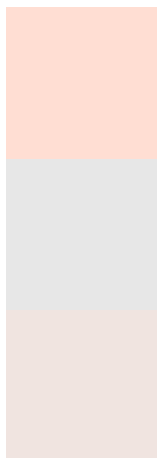
Original Color
91, 13.620, 44.683

Protanomaly
91, 9.086, 62.583

Deuteranomaly
91, 13.176, 40.726

Tritanomaly
91, 12.673, 8.570

Monochromacy



Original Color
91, 13.620, 44.683

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.800, 45.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.620, 44.683 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(255, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 211)  
}
```

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(255, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.620, 44.683 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(255, 222, 211) }
```

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

```
.border{ border-color:rgb(255, 222, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.620, 44.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 211) }
```

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

```
.background{ background-color: rgb(255,  
222, 211) }
```

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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