

Converting Colors

CIELCh(91, 12.589, 43.729)

Have a look what the booklet for
CIELCh(91, 12.589, 43.729) contains.

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Color

CIELCh(91, 12.675, 44.027)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFD5
RGB	254, 223, 213
RGB Percent	100%, 87%, 84%
CMY	0.0048, 0.1263, 0.1655
CMYK	0.00, 0.12, 0.16, 0.00
HSL	15°, 94%, 91%
HSV	15°, 16%, 100%
XYZ	79.1061, 78.4833, 73.7887
YIQ	231.1290, 21.6860, 3.4620

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 226, 213
Decimal	16703445
CIE Lab	91.00, 9.11, 8.81
CIE LCh	91, 12.675, 44.027
Yxy	78.4833, 0.3419, 0.3392
Android (android.graphics.Color)	4294893525 (0xFFFEFD5)
YUV	231.1290, -8.9376, 20.0579
Hunter-Lab	88.5908, 4.3554, 12.6300

Details

The CIELCh color **91, 12.675, 44.027** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.458, 225.653**, 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, 12.757, 45.335** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.383, 43.806**, and if you desaturate by 10%, it is **96, 4.636, 44.306**.

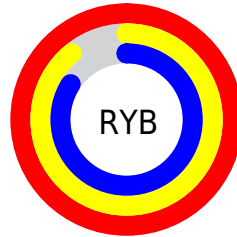
Distribution



Red (100%)

Green (87%)

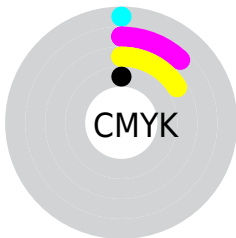
Blue (84%)



Red (100%)

Yellow (89%)

Blue (84%)

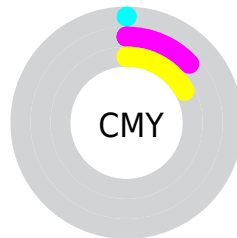


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.675, 44.027 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, 12.675, 44.027 by changing the saturation by 10% instead.

 91, 12.675, 44.027

 91, 12.675, 44.027

 100, 12.675,
44.027

 81, 12.675, 44.027

 71, 12.675, 44.027

 61, 12.675, 44.027

 51, 12.675, 44.027

 41, 12.675, 44.027

 31, 12.675, 44.027

 21, 12.675, 44.027

 11, 12.675, 44.027

 1, 12.675, 44.027

91, 12.675, 44.027

91, 12.675, 44.027

86, 21.383, 43.806

96, 4.636, 44.306

81, 30.812, 43.689

100, 0.424,
200.943

76, 40.984, 43.726

71, 51.865, 43.942

67, 63.320, 44.336

63, 74.997, 44.830

60, 86.079, 45.165

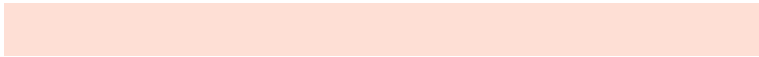
57, 94.888, 44.745

57, 97.610, 44.473

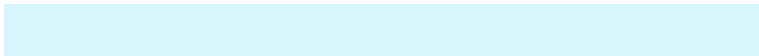
Harmonies

Complementary

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



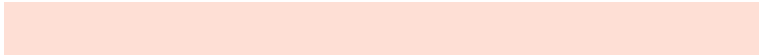
91, 12.675, 44.027



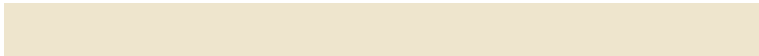
94, 11.458, 225.653

Rectangle

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



91, 12.675, 44.027



91, 12.675, 94.027



91, 12.675, 224.027



91, 12.675, 274.027

Sweetspot

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



91, 12.674, 44.040



97, 3.764, 44.319



89, 21.872, 332.763



52, 2.576, 44.312



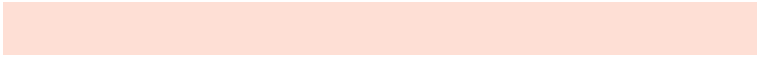
0, 0.000, 0.000



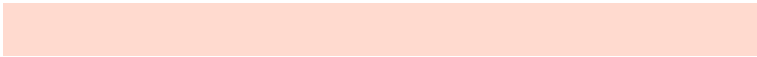
53, 0.007, 296.813

Same Dimension

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



91, 12.674, 44.040



90, 15.142, 43.964



96, 15.857, 94.115



50, 4.359, 44.228



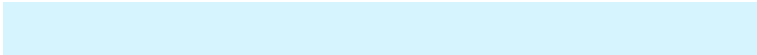
43, 78.426, 44.949



12, 29.335, 39.870

Inverse Universe

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



94, 11.458, 225.653



94, 13.423, 225.857



89, 15.992, 278.270



51, 4.118, 225.262



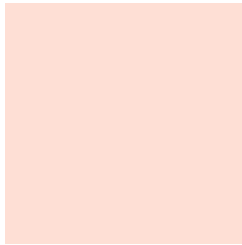
56, 36.636, 245.123



18, 16.427, 238.867

Previews

White Background



This preview shows how the CIELCh color 91, 12.675, 44.027 looks on a white background.

Color Contrast Check

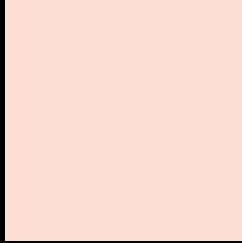
Large Text (above 18pt) WCAG AA × Fail

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, 12.675, 44.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

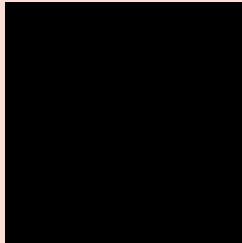
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

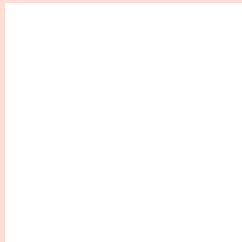
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.675, 44.027

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.675, 44.027.

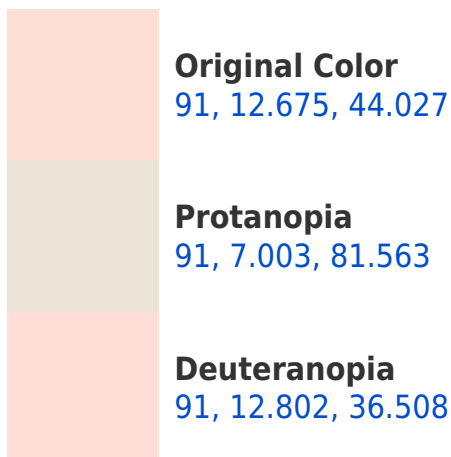


This preview shows how white text looks on a background with the CIELCh color 91, 12.675, 44.027.

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](#).

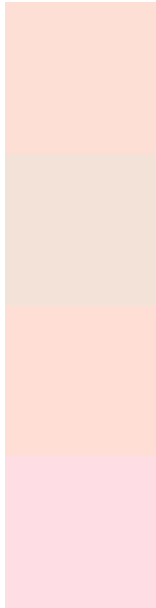
Dichromacy





Tritanopia
91, 15.064, 347.227

Trichromacy



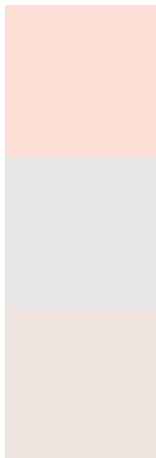
Original Color
91, 12.675, 44.027

Protanomaly
91, 8.451, 61.816

Deuteranomaly
91, 12.980, 38.648

Tritanomaly
91, 12.887, 4.063

Monochromacy



Original Color
91, 12.675, 44.027

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.471, 46.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.675, 44.027 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(254, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 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(254, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.675, 44.027 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(254, 223, 213) }
```

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

```
.border{ border-color:rgb(254, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.675, 44.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 213) }
```

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

```
.background{ background-color: rgb(254,  
223, 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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