

Converting Colors

CIELCh(91, 12.285, 35.498)

Have a look what the booklet for
CIELCh(91, 12.285, 35.498) contains.

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Color

CIELCh(91, 12.275, 34.720)

Conversions

Conversions Part 1

Format	Color
Hex	FEDED8
RGB	254, 222, 216
RGB Percent	100%, 87%, 85%
CMY	0.0028, 0.1283, 0.1519
CMYK	0.00, 0.13, 0.15, 0.00
HSL	9°, 96%, 92%
HSV	9°, 15%, 100%
XYZ	79.5995, 78.4833, 76.1030
YIQ	230.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

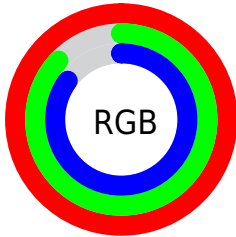
Format	Color
RYB	254, 223, 216
Decimal	16703192
CIELab	91.00, 10.09, 6.99
CIELCh	91, 12.275, 34.720
Yxy	78.4833, 0.3399, 0.3351
Android (android.graphics.Color)	4294893272 (0xFFFEDED8)
YUV	230.8840, -7.3378, 20.2727
Hunter-Lab	88.5908, 5.3497, 11.0812

Details

The CIELCh color **91, 12.275, 34.720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.111, 214.967**, 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, 12.281, 35.670** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.371, 34.957**, and if you desaturate by 10%, it is **97, 3.896, 34.553**.

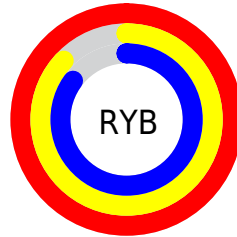
Distribution



Red (100%)

Green (87%)

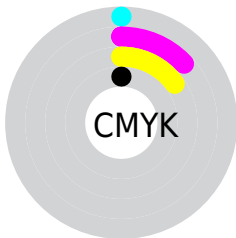
Blue (85%)



Red (100%)

Yellow (87%)

Blue (85%)

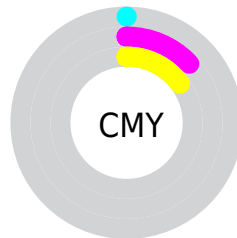


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.275, 34.720 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, 12.275, 34.720 by changing the saturation by 10% instead.

 91, 12.275, 34.720

 91, 12.275, 34.720

 100, 12.275,
34.720

 81, 12.275, 34.720

 71, 12.275, 34.720

 61, 12.275, 34.720

 51, 12.275, 34.720

 41, 12.275, 34.720

 31, 12.275, 34.720

 21, 12.275, 34.720

 11, 12.275, 34.720

 1, 12.275, 34.720

91, 12.275, 34.720

91, 12.275, 34.720

85, 21.371, 34.957

97, 3.896, 34.553

80, 31.229, 35.349

100, 0.249,
202.051

75, 41.852, 35.965

70, 53.182, 36.855

65, 65.057, 38.048

61, 77.123, 39.499

58, 88.603, 40.972

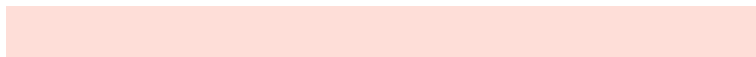
56, 97.808, 41.813

55, 101.206,
41.965

Harmonies

Complementary

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



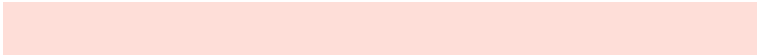
91, 12.275, 34.720



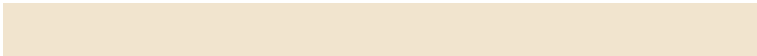
96, 11.111, 214.967

Rectangle

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



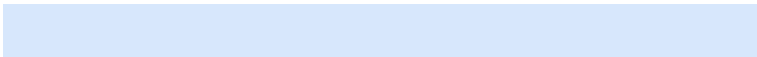
91, 12.275, 34.720



91, 12.275, 84.720



91, 12.275, 214.720



91, 12.275, 264.720

Sweetspot

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



91, 12.274, 34.733



98, 3.144, 34.512



90, 21.485, 329.734



52, 2.242, 34.546



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

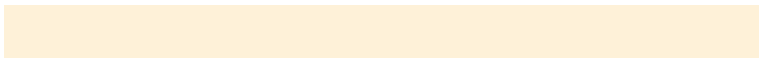
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.274, 34.733



89, 15.006, 34.788



96, 13.542, 87.844



50, 4.573, 34.650



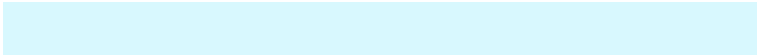
41, 81.293, 42.298



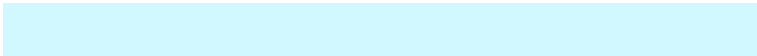
11, 30.592, 34.935

Inverse Universe

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



96, 11.111, 214.967



95, 13.287, 215.030



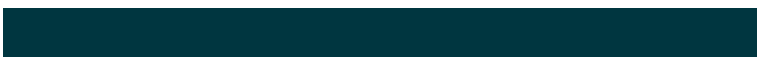
91, 13.465, 271.869



52, 4.301, 214.902



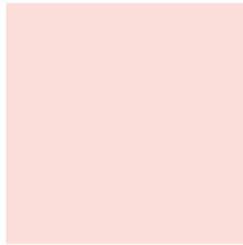
61, 35.073, 226.479



20, 16.192, 222.374

Previews

White Background



This preview shows how the CIE LCh color 91, 12.275, 34.720 looks on a white background.

Color Contrast Check

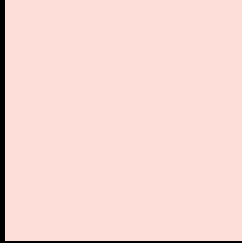
Large Text (above 18pt) WCAG AA × Fail

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, 12.275, 34.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

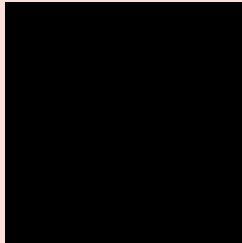
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

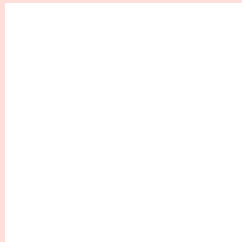
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.275, 34.720

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.275, 34.720.

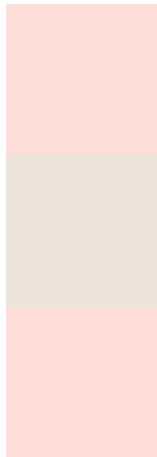


This preview shows how white text looks on a background with the CIELCh color 91, 12.275, 34.720.

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, 12.275, 34.720

Protanopia

91, 5.034, 74.511

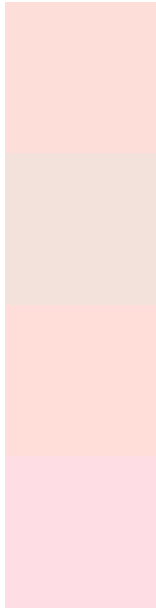
Deuteranopia

91, 12.503, 32.059



Tritanopia
91, 15.064, 347.227

Trichromacy



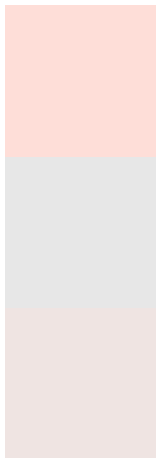
Original Color
91, 12.275, 34.720

Protanomaly
91, 7.189, 49.836

Deuteranomaly
91, 12.503, 32.059

Tritanomaly
91, 13.023, 1.872

Monochromacy



Original Color
91, 12.275, 34.720

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.093, 34.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.275, 34.720 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, 222, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 216)  
}
```

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, 222, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.275, 34.720 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, 222, 216) }
```

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

```
.border{ border-color:rgb(254, 222, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.275, 34.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 216) }
```

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

```
.background{ background-color: rgb(254,  
222, 216) }
```

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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