

Converting Colors

CIELCh(91, 9.196, 73.896)

Have a look what the booklet for
CIELCh(91, 9.196, 73.896) contains.

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Color

CIELCh(91, 9.309, 75.721)

Conversions

Conversions Part 1

Format	Color
Hex	F1E3D4
RGB	241, 227, 212
RGB Percent	95%, 89%, 83%
CMY	0.0544, 0.1093, 0.1682
CMYK	0.00, 0.06, 0.12, 0.05
HSL	31°, 51%, 89%
HSV	31°, 12%, 95%
XYZ	75.7157, 78.4833, 73.5215
YIQ	229.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

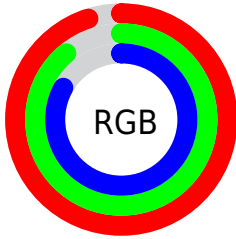
Format	Color
R_{YB}	239, 241, 212
Decimal	15852500
CIE Lab	91.00, 2.30, 9.02
CIE LCh	91, 9.309, 75.721
Yxy	78.4833, 0.3325, 0.3446
Android (android.graphics.Color)	4294042580 (0xFFFF1E3D4)
YUV	229.4760, -8.6157, 10.1065
Hunter-Lab	88.5908, -2.4758, 12.8088

Details

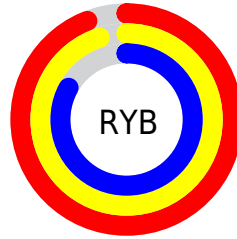
The CIELCh color **91, 9.309, 75.721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 9.067, 258.955**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.626, 77.268** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.434, 74.481**, and if you desaturate by 10%, it is **94, 1.530, 76.765**.

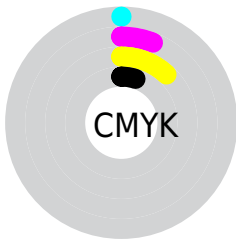
Distribution



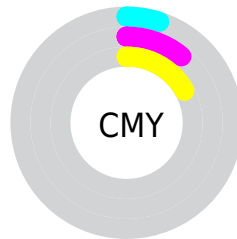
- Red (95%)
- Green (89%)
- Blue (83%)



- Red (94%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (5%)















- Cyan (5%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.309, 75.721 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, 9.309, 75.721 by changing the saturation by 10% instead.

 91, 9.309, 75.721	 91, 9.309, 75.721
 100, 9.309, 75.721	 81, 9.309, 75.721
	 71, 9.309, 75.721
	 61, 9.309, 75.721
	 51, 9.309, 75.721
	 41, 9.309, 75.721
	 31, 9.309, 75.721
	 21, 9.309, 75.721
	 11, 9.309, 75.721
	 1, 9.309, 75.721

- 91, 9.309, 75.721
- 91, 9.309, 75.721
- 88, 17.434, 74.481
- 94, 1.530, 76.765
- 84, 25.923, 73.191
- 98, 3.936, 236.105
- 81, 34.774, 71.882
- 99, 4.782, 199.241
- 78, 43.940, 70.549
- 75, 53.284, 69.171
- 72, 62.501, 67.682
- 69, 70.977, 65.937
- 66, 77.687, 63.656
- 64, 81.402, 61.364

Harmonies

Complementary

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



91, 9.309, 75.721



89, 9.067, 258.955

Rectangle

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



91, 9.309, 75.721



91, 9.309, 125.721



91, 9.309, 255.721



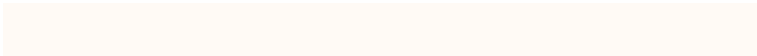
91, 9.309, 305.721

Sweetspot

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



91, 9.310, 75.737



99, 3.179, 76.652



88, 12.802, 345.564



52, 2.264, 76.580



0, 0.000, 0.000



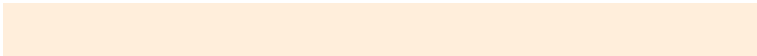
53, 0.007, 296.813

Same Dimension

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



91, 9.310, 75.737



95, 11.390, 75.489



94, 14.832, 109.697



48, 4.352, 76.048



50, 66.145, 62.062



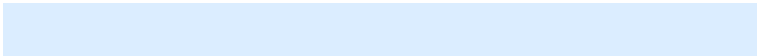
14, 23.428, 63.047

Inverse Universe

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



89, 9.067, 258.955



93, 11.035, 259.255



86, 15.250, 292.077



48, 4.267, 258.592



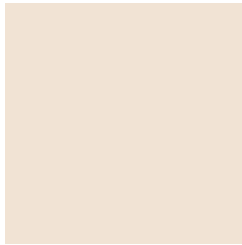
39, 58.391, 285.711



10, 22.044, 278.158

Previews

White Background



This preview shows how the CIELCh color 91, 9.309, 75.721 looks on a white background.

Color Contrast Check

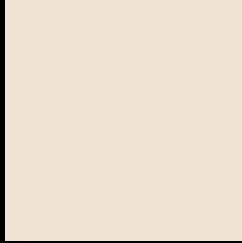
Large Text (above 18pt) WCAG AA × Fail

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, 9.309, 75.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

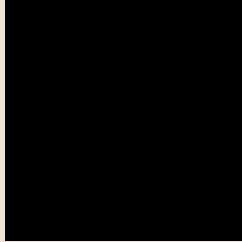
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

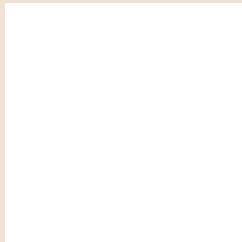
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.309, 75.721

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.309, 75.721.

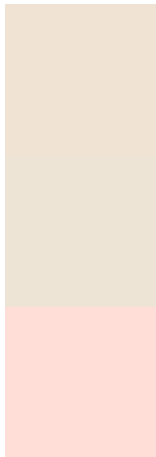


This preview shows how white text looks on a background with the CIELCh color 91, 9.309, 75.721.

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, 9.309, 75.721

Protanopia

91, 8.411, 86.328

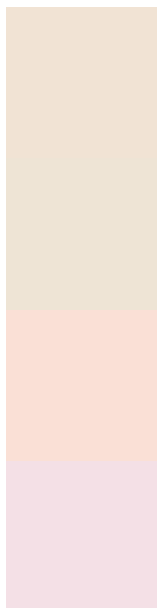
Deuteranopia

91, 12.802, 36.508



Tritanopia
91, 11.817, 332.044

Trichromacy



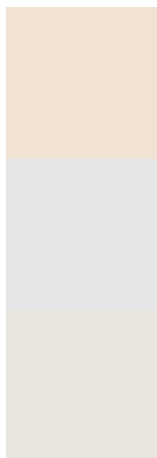
Original Color
91, 9.309, 75.721

Protanomaly
91, 8.563, 84.042

Deuteranomaly
91, 10.953, 47.977

Tritanomaly
91, 7.860, 356.670

Monochromacy



Original Color
91, 9.309, 75.721

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.568, 79.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.309, 75.721 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(241, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 212)  
}
```

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(241, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.309, 75.721 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(241, 227, 212) }
```

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

```
.border{ border-color:rgb(241, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.309, 75.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 212) }
```

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

```
.background{ background-color: rgb(241,  
227, 212) }
```

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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