

Converting Colors

CIELCh(91, 4.844, 73.023)

Have a look what the booklet for
CIELCh(91, 4.844, 73.023) contains.

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Color

CIELCh(91, 5.034, 74.511)

Conversions

Conversions Part 1

Format	Color
Hex	ECE4DC
RGB	236, 228, 220
RGB Percent	93%, 89%, 86%
CMY	0.0745, 0.1059, 0.1373
CMYK	0.00, 0.03, 0.07, 0.07
HSL	30°, 30%, 89%
HSV	30°, 7%, 93%
XYZ	75.2503, 78.4833, 78.8893
YIQ	229.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

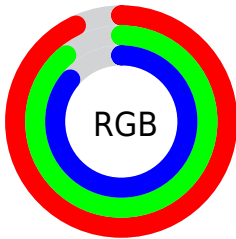
Format	Color
R _Y B	236, 236, 220
Decimal	15525084
CIE Lab	91.00, 1.34, 4.85
CIE LCh	91, 5.034, 74.511
Yxy	78.4833, 0.3235, 0.3374
Android (android.graphics.Color)	4293715164 (0xFFECE4DC)
YUV	229.4800, -4.6736, 5.7180
Hunter-Lab	88.5908, -3.4136, 9.2164

Details

The CIELCh color **91, 5.034, 74.511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.964, 256.398**, 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, 5.101, 77.855** is the 20% darker color. If you saturate the color by 10%, you get **88, 12.762, 73.348**, and if you desaturate by 10%, it is **95, 2.352, 256.015**.

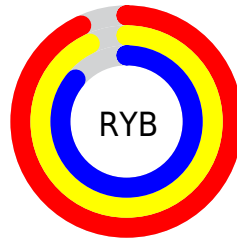
Distribution



Red (93%)

Green (89%)

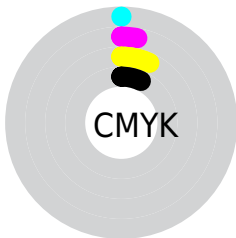
Blue (86%)



Red (93%)

Yellow (93%)

Blue (86%)

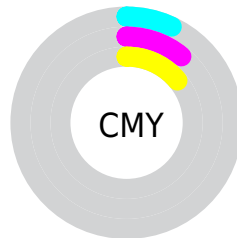


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.034, 74.511 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, 5.034, 74.511 by changing the saturation by 10% instead.

 91, 5.034, 74.511	 91, 5.034, 74.511
 100, 5.034, 74.511	 81, 5.034, 74.511
	 71, 5.034, 74.511
	 61, 5.034, 74.511
	 51, 5.034, 74.511
	 41, 5.034, 74.511
	 31, 5.034, 74.511
	 21, 5.034, 74.511
	 11, 5.034, 74.511
	 1, 5.034, 74.511

91, 5.034, 74.511

91, 5.034, 74.511

88, 12.762, 73.348

95, 2.352, 256.015

84, 20.860, 72.101

98, 5.590, 217.382

81, 29.342, 70.835

99, 6.516, 199.094

77, 38.195, 69.556

74, 47.347, 68.253

71, 56.608, 66.890

68, 65.568, 65.367

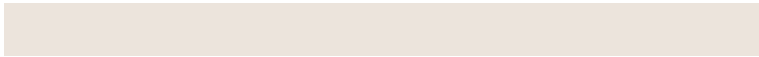
66, 73.441, 63.476

63, 79.103, 60.871

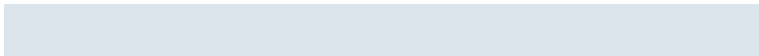
Harmonies

Complementary

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



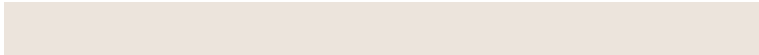
91, 5.034, 74.511



90, 4.964, 256.398

Rectangle

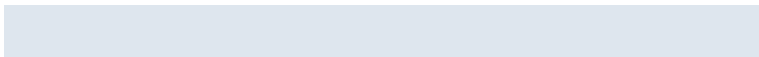
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 5.034, 74.511



91, 5.034, 124.511



91, 5.034, 254.511



91, 5.034, 304.511

Sweetspot

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



91, 5.035, 74.540



99, 1.559, 74.923



89, 7.124, 344.150



53, 0.886, 74.920



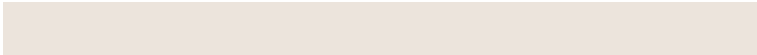
0, 0.000, 0.000



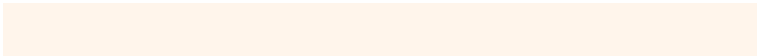
53, 0.007, 296.813

Same Dimension

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



91, 5.035, 74.540



97, 6.345, 74.398



93, 8.219, 109.516



47, 4.226, 74.233



49, 65.888, 60.674



13, 22.178, 60.964

Inverse Universe

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



90, 4.964, 256.398



96, 6.233, 256.557



88, 8.360, 290.873



47, 4.133, 256.746



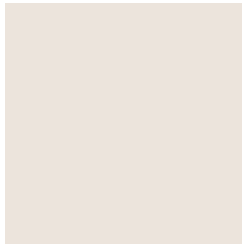
39, 55.795, 284.026



9, 20.592, 275.855

Previews

White Background



This preview shows how the CIELCh color 91, 5.034, 74.511 looks on a white background.

Color Contrast Check

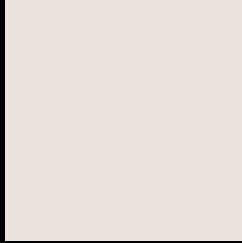
Large Text (above 18pt) WCAG AA × Fail

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, 5.034, 74.511 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

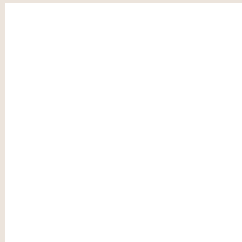
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.034, 74.511

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.034, 74.511.

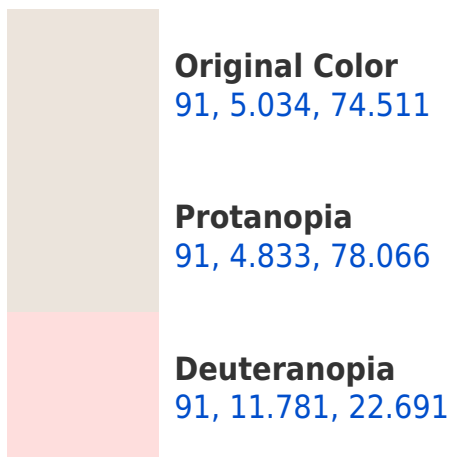


This preview shows how white text looks on a background with the CIELCh color 91, 5.034, 74.511.

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](#).

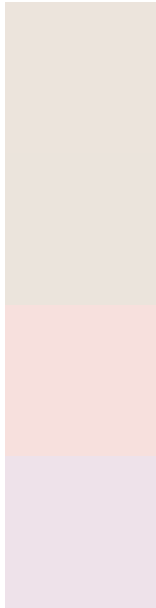
Dichromacy





Tritanopia
91, 10.152, 319.803

Trichromacy



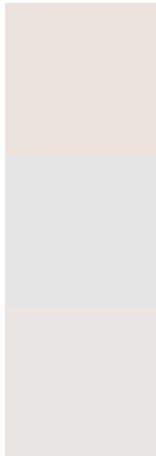
Original Color
91, 5.034, 74.511

Protanomaly
91, 4.833, 78.066

Deuteranomaly
91, 8.558, 30.317

Tritanomaly
91, 5.989, 335.953

Monochromacy



Original Color
91, 5.034, 74.511

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.871, 74.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.034, 74.511 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(236, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 220)  
}
```

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(236, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.034, 74.511 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(236, 228, 220) }
```

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

```
.border{ border-color:rgb(236, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.034, 74.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 220) }
```

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

```
.background{ background-color: rgb(236,  
228, 220) }
```

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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