

Converting Colors

CIELCh(91, 5.369, 48.322)

Have a look what the booklet for
CIELCh(91, 5.369, 48.322) contains.

CIELCh(91, 5.371, 48.283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 5.371, 48.283)

Conversions

Conversions Part 1

Format	Color
Hex	F0E3DE
RGB	240, 227, 222
RGB Percent	94%, 89%, 87%
CMY	0.0601, 0.1111, 0.1307
CMYK	0.00, 0.05, 0.08, 0.06
HSL	17°, 37%, 90%
HSV	17°, 8%, 94%
XYZ	76.3438, 78.4833, 80.0039
YIQ	230.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

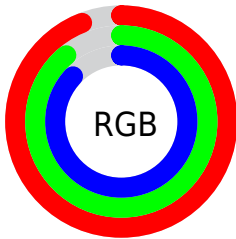
Format	Color
R_{YB}	240, 229, 222
Decimal	15786974
CIE Lab	91.00, 3.57, 4.01
CIE LCh	91, 5.371, 48.283
Yxy	78.4833, 0.3251, 0.3342
Android (android.graphics.Color)	4293977054 (0xFFFF0E3DE)
YUV	230.3170, -4.1003, 8.4920
Hunter-Lab	88.5908, -1.2103, 8.4704

Details

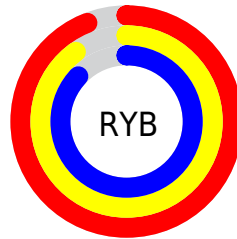
The CIELCh color **91, 5.371, 48.283** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 5.153, 229.436**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.346, 50.169** is the 20% darker color. If you saturate the color by 10%, you get **86, 13.025, 47.867**, and if you desaturate by 10%, it is **96, 1.723, 229.334**.

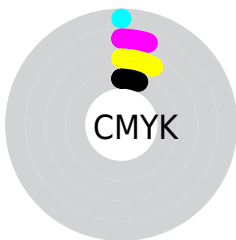
Distribution



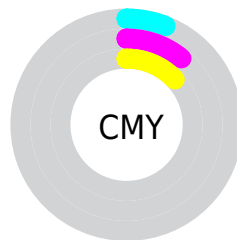
- Red (94%)
- Green (89%)
- Blue (87%)



- Red (94%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.371, 48.283 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, 5.371, 48.283 by changing the saturation by 10% instead.

91, 5.371, 48.283

91, 5.371, 48.283

100, 5.371, 48.283

81, 5.371, 48.283

71, 5.371, 48.283

61, 5.371, 48.283

51, 5.371, 48.283

41, 5.371, 48.283

31, 5.371, 48.283

21, 5.371, 48.283

11, 5.371, 48.283

1, 5.371, 48.283

91, 5.371, 48.283

91, 5.371, 48.283

86, 13.025, 47.867

96, 1.723, 229.334

81, 21.298, 47.459

99, 5.275, 199.197

77, 30.235, 47.150

72, 39.857, 46.970

68, 50.128, 46.935

64, 60.907, 47.029

61, 71.833, 47.155

58, 82.067, 47.034

55, 90.064, 46.122

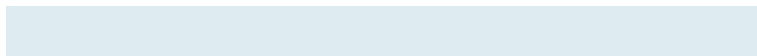
Harmonies

Complementary

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



91, 5.371, 48.283



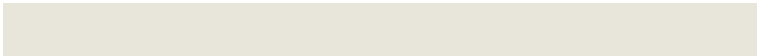
92, 5.153, 229.436

Rectangle

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



91, 5.371, 48.283



91, 5.371, 98.283



91, 5.371, 228.283



91, 5.371, 278.283

Sweetspot

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



91, 5.371, 48.311



99, 1.470, 48.307



90, 9.425, 333.430



53, 0.836, 48.291



0, 0.000, 0.000



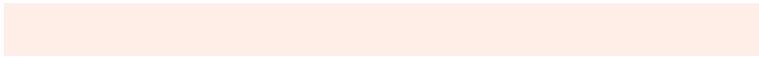
53, 0.007, 296.813

Same Dimension

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



91, 5.371, 48.311



95, 6.810, 48.249



93, 7.236, 97.424



48, 4.096, 48.229



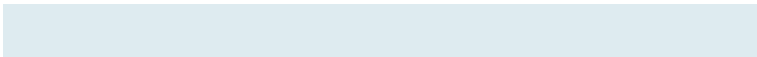
42, 74.721, 46.429



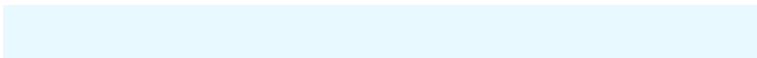
11, 25.112, 40.420

Inverse Universe

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



92, 5.153, 229.436



97, 6.474, 229.527



90, 7.296, 279.267



48, 3.883, 229.556



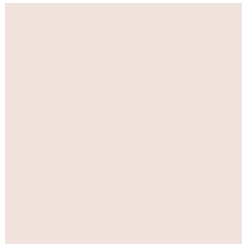
52, 37.021, 251.880



15, 15.431, 244.011

Previews

White Background



This preview shows how the CIELCh color 91, 5.371, 48.283 looks on a white background.

Color Contrast Check

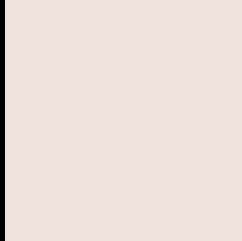
Large Text (above 18pt) WCAG AA × Fail

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, 5.371, 48.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

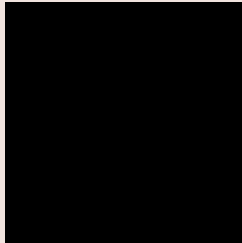
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

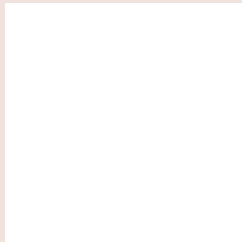
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.371, 48.283

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.371, 48.283.

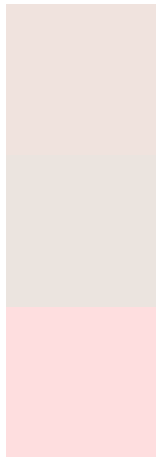


This preview shows how white text looks on a background with the CIELCh color 91, 5.371, 48.283.

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, 5.371, 48.283

Protanopia

91, 3.597, 65.220

Deuteranopia

91, 11.741, 17.688



Tritanopia
91, 10.921, 326.358

Trichromacy



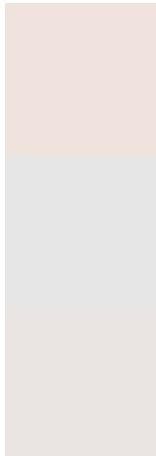
Original Color
91, 5.371, 48.283

Protanomaly
91, 4.140, 57.998

Deuteranomaly
91, 9.148, 23.207

Tritanomaly
91, 7.407, 340.891

Monochromacy



Original Color
91, 5.371, 48.283

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.057, 49.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.371, 48.283 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(240, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 222)  
}
```

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(240, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.371, 48.283 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(240, 227, 222) }
```

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

```
.border{ border-color:rgb(240, 227, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.371, 48.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 222) }
```

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

```
.background{ background-color: rgb(240,  
227, 222) }
```

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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