

Converting Colors

CIELCh(91, 2.827, 62.904)

Have a look what the booklet for
CIELCh(91, 2.827, 62.904) contains.

CIELCh(91, 2.974, 63.293)	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, 2.974, 63.293)

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E0
RGB	234, 228, 224
RGB Percent	92%, 89%, 88%
CMY	0.0817, 0.1052, 0.1209
CMYK	0.00, 0.03, 0.04, 0.08
HSL	24°, 19%, 90%
HSV	24°, 4%, 92%
XYZ	75.2465, 78.4833, 81.8160
YIQ	229.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

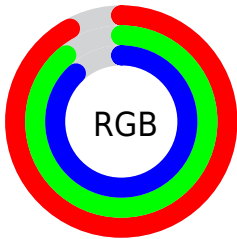
Format	Color
R_{YB}	234, 231, 224
Decimal	15394016
CIE Lab	91.00, 1.34, 2.66
CIE LCh	91, 2.974, 63.293
Yxy	78.4833, 0.3195, 0.3332
Android (android.graphics.Color)	4293584096 (0xFFEAE4E0)
YUV	229.3380, -2.6316, 4.0886
Hunter-Lab	88.5908, -3.4212, 7.2577

Details

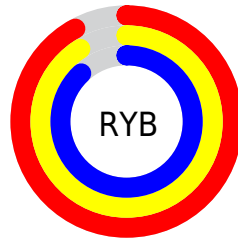
The CIELCh color **91, 2.974, 63.293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 2.936, 244.568**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.875, 68.481** is the 20% darker color. If you saturate the color by 10%, you get **87, 10.264, 62.442**, and if you desaturate by 10%, it is **95, 3.890, 244.663**.

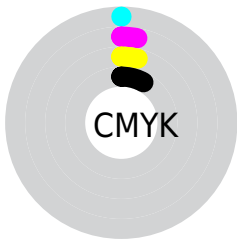
Distribution



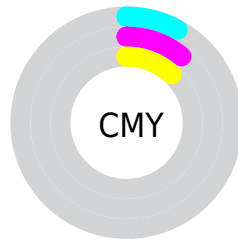
- Red (92%)
- Green (89%)
- Blue (88%)



- Red (92%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.974, 63.293 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, 2.974, 63.293 by changing the saturation by 10% instead.

91, 2.974, 63.293

91, 2.974, 63.293

100, 2.974, 63.293

81, 2.974, 63.293

71, 2.974, 63.293

61, 2.974, 63.293

51, 2.974, 63.293

41, 2.974, 63.293

31, 2.974, 63.293

21, 2.974, 63.293

11, 2.974, 63.293

1, 2.974, 63.293

91, 2.974, 63.293

91, 2.974, 63.293

87, 10.264, 62.442

95, 3.890, 244.663

83, 18.026, 61.461

99, 7.133, 199.047

79, 26.298, 60.498

75, 35.100, 59.572

72, 44.411, 58.686

68, 54.121, 57.818

65, 63.946, 56.890

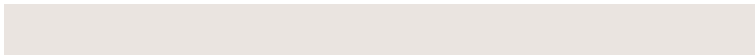
62, 73.248, 55.708

59, 80.850, 53.878

Harmonies

Complementary

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



91, 2.974, 63.293



91, 2.936, 244.568

Rectangle

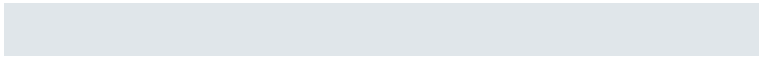
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



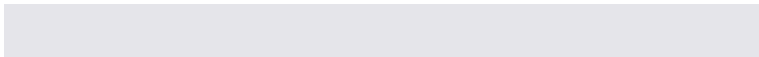
91, 2.974, 63.293



91, 2.974, 113.293



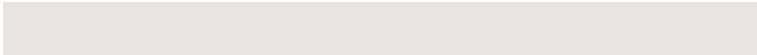
91, 2.974, 243.293



91, 2.974, 293.293

Sweetspot

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



91, 2.974, 63.342



100, 0.734, 63.119



90, 4.769, 338.864



53, 0.417, 63.086



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, 2.974, 63.342



98, 3.741, 63.291



92, 4.641, 105.336



48, 2.389, 63.240



45, 69.160, 53.222



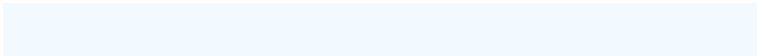
11, 22.545, 50.576

Inverse Universe

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



91, 2.936, 244.568



98, 3.679, 244.627



90, 4.694, 286.286



48, 2.342, 244.685



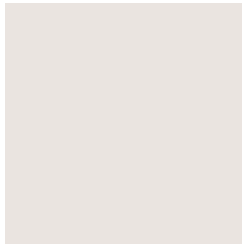
44, 45.546, 272.324



11, 17.410, 263.429

Previews

White Background



This preview shows how the CIELCh color 91, 2.974, 63.293 looks on a white background.

Color Contrast Check

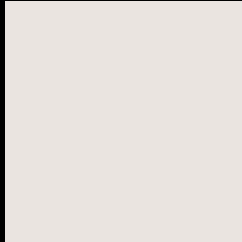
Large Text (above 18pt) WCAG AA × Fail

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, 2.974, 63.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

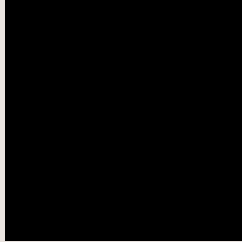
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

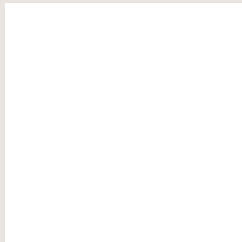
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.974, 63.293

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.974, 63.293.

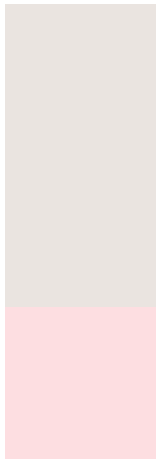


This preview shows how white text looks on a background with the CIELCh color 91, 2.974, 63.293.

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

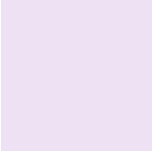
91, 2.974, 63.293

Protanopia

91, 2.974, 63.293

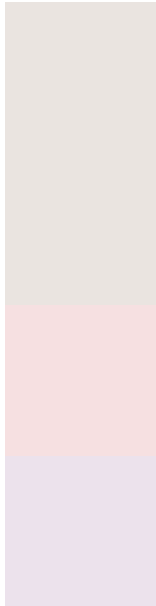
Deuteranopia

91, 11.425, 12.414



Tritanopia
91, 10.296, 314.958

Trichromacy



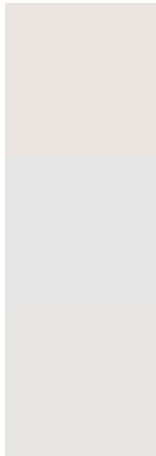
Original Color
91, 2.974, 63.293

Protanomaly
91, 2.974, 63.293

Deuteranomaly
91, 8.014, 16.214

Tritanomaly
91, 6.320, 324.629

Monochromacy



Original Color
91, 2.974, 63.293

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.243, 74.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.974, 63.293 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(234, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 224)  
}
```

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(234, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.974, 63.293 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(234, 228, 224) }
```

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

```
.border{ border-color:rgb(234, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.974, 63.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 224) }
```

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

```
.background{ background-color: rgb(234,  
228, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor