

Converting Colors

CIELCh(91, 2.552, 93.260)

Have a look what the booklet for
CIELCh(91, 2.552, 93.260) contains.

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Color

CIELCh(91, 2.668, 94.297)

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E0
RGB	231, 229, 224
RGB Percent	91%, 90%, 88%
CMY	0.0937, 0.1016, 0.1212
CMYK	0.00, 0.01, 0.03, 0.09
HSL	43°, 13%, 89%
HSV	43°, 3%, 91%
XYZ	74.4991, 78.4833, 81.8109
YIQ	229.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

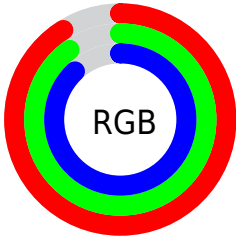
Format	Color
R_{YB}	227, 231, 224
Decimal	15197664
CIE Lab	91.00, -0.20, 2.66
CIE LCh	91, 2.668, 94.297
Yxy	78.4833, 0.3173, 0.3343
Android (android.graphics.Color)	4293387744 (0xFFE7E5E0)
YUV	229.0280, -2.4788, 1.7294
Hunter-Lab	88.5908, -4.9271, 7.2611

Details

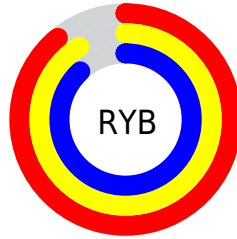
The CIELCh color **91, 2.668, 94.297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 2.691, 275.242**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.737, 101.920** is the 20% darker color. If you saturate the color by 10%, you get **89, 11.609, 93.180**, and if you desaturate by 10%, it is **93, 6.125, 275.645**.

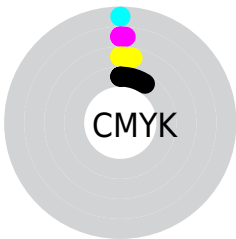
Distribution



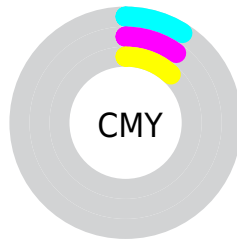
- Red (91%)
- Green (90%)
- Blue (88%)



- Red (89%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.668, 94.297 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, 2.668, 94.297 by changing the saturation by 10% instead.

■ 91, 2.668, 94.297

■ 91, 2.668, 94.297

■ 100, 2.668, 94.297

■ 81, 2.668, 94.297

■ 71, 2.668, 94.297

■ 61, 2.668, 94.297

■ 51, 2.668, 94.297

■ 41, 2.668, 94.297

■ 31, 2.668, 94.297

■ 21, 2.668, 94.297

■ 11, 2.668, 94.297

■ 1, 2.668, 94.297

91, 2.668, 94.297

91, 2.668, 94.297

89, 11.609, 93.180

93, 6.125, 275.645

87, 20.682, 91.920

95, 7.497, 260.131

85, 29.857, 90.615

97, 6.767, 226.825

83, 39.065, 89.272

98, 8.156, 198.971

81, 48.169, 87.891

79, 56.920, 86.459

77, 64.878, 84.946

75, 71.356, 83.279

73, 75.507, 81.334

Harmonies

Complementary

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



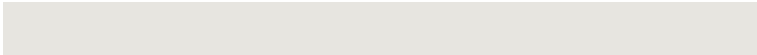
91, 2.668, 94.297



90, 2.691, 275.242

Rectangle

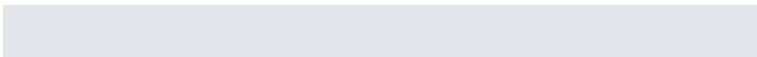
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 2.668, 94.297



91, 2.668, 144.297



91, 2.668, 274.297



91, 2.668, 324.297

Sweetspot

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



91, 2.670, 94.340



100, 0.946, 94.405



90, 2.752, 356.046



53, 0.537, 94.397



0, 0.000, 0.000



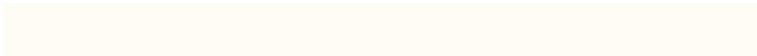
53, 0.007, 296.813

Same Dimension

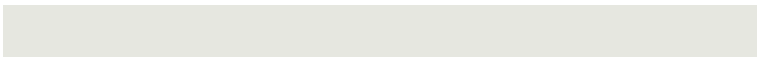
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.670, 94.340



99, 3.825, 94.242



91, 3.648, 117.794



48, 2.495, 94.166



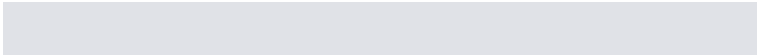
57, 63.570, 80.238



15, 22.815, 83.212

Inverse Universe

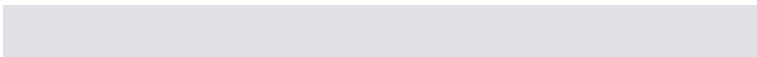
The Inverse Universe completely reimagines the original color for something new.



90, 2.691, 275.242



97, 3.850, 275.345



89, 3.691, 298.197



47, 2.510, 275.425



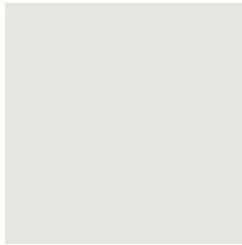
28, 80.276, 298.987



5, 26.887, 289.790

Previews

White Background



This preview shows how the CIE LCh color 91, 2.668, 94.297 looks on a white background.

Color Contrast Check

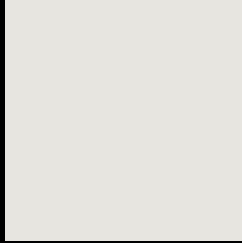
Large Text (above 18pt) WCAG AA × Fail

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, 2.668, 94.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

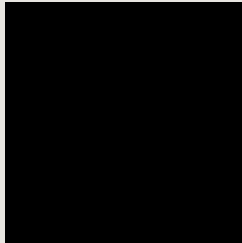
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

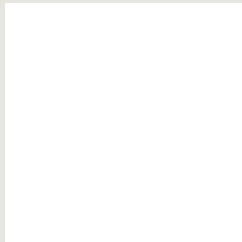
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.668, 94.297

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.668, 94.297.

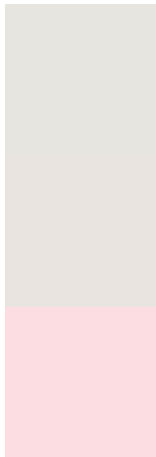


This preview shows how white text looks on a background with the CIELCh color 91, 2.668, 94.297.

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

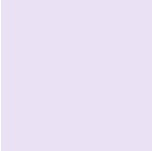
91, 2.668, 94.297

Protanopia

91, 2.974, 63.293

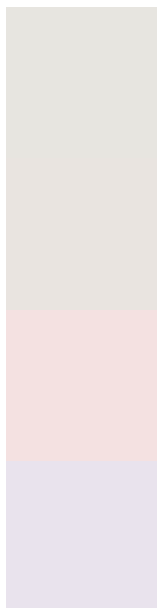
Deuteranopia

91, 11.125, 9.489



Tritanopia
91, 9.792, 307.443

Trichromacy



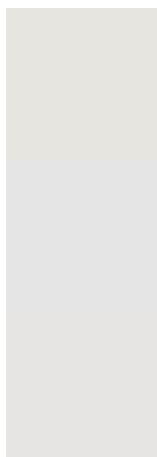
Original Color
91, 2.668, 94.297

Protanomaly
91, 2.724, 68.569

Deuteranomaly
91, 6.895, 19.804

Tritanomaly
91, 5.634, 312.628

Monochromacy



Original Color
91, 2.668, 94.297

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.081, 90.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.668, 94.297 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(231, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 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(231, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.668, 94.297 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(231, 229, 224) }
```

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

```
.border{ border-color:rgb(231, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.668, 94.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 224) }
```

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

```
.background{ background-color: rgb(231,  
229, 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](#).

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