

Converting Colors

CIELCh(91, 2.548, 57.598)

Have a look what the booklet for
CIELCh(91, 2.548, 57.598) contains.

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Color

CIELCh(91, 2.643, 55.184)

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E1
RGB	234, 228, 225
RGB Percent	92%, 89%, 88%
CMY	0.0820, 0.1055, 0.1173
CMYK	0.00, 0.03, 0.04, 0.08
HSL	20°, 18%, 90%
HSV	20°, 4%, 92%
XYZ	75.3306, 78.4833, 82.4750
YIQ	229.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

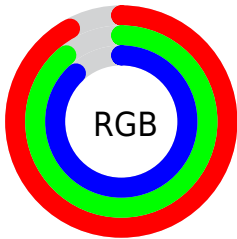
Format	Color
R_{YB}	234, 230, 225
Decimal	15394017
CIE Lab	91.00, 1.51, 2.17
CIE LCh	91, 2.643, 55.184
Yxy	78.4833, 0.3188, 0.3321
Android (android.graphics.Color)	4293584097 (0xFFEAE4E1)
YUV	229.4520, -2.1948, 3.9886
Hunter-Lab	88.5908, -3.2516, 6.8166

Details

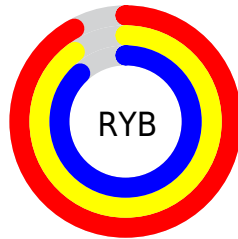
The CIELCh color **91, 2.643, 55.184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 2.603, 236.284**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.489, 60.263** is the 20% darker color. If you saturate the color by 10%, you get **87, 9.872, 54.612**, and if you desaturate by 10%, it is **96, 4.104, 236.391**.

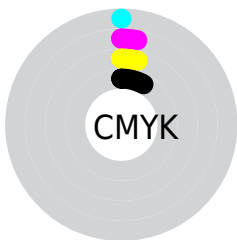
Distribution



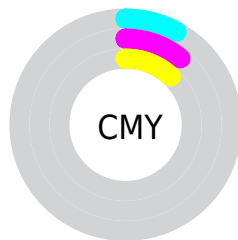
- Red (92%)
- Green (89%)
- Blue (88%)



- Red (92%)
- Yellow (90%)
- 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, 2.643, 55.184 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, 2.643, 55.184 by changing the saturation by 10% instead.

91, 2.643, 55.184

91, 2.643, 55.184

100, 2.643, 55.184

81, 2.643, 55.184

71, 2.643, 55.184

61, 2.643, 55.184

51, 2.643, 55.184

41, 2.643, 55.184

31, 2.643, 55.184

21, 2.643, 55.184

11, 2.643, 55.184

1, 2.643, 55.184

91, 2.643, 55.184

91, 2.643, 55.184

87, 9.872, 54.612

96, 4.104, 236.391

82, 17.638, 53.904

99, 7.156, 199.045

78, 25.989, 53.247

74, 34.954, 52.670

70, 44.523, 52.185

66, 54.606, 51.780

63, 64.948, 51.388

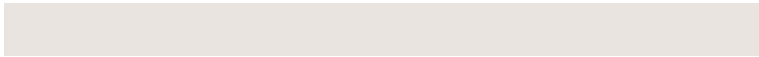
59, 74.944, 50.818

57, 83.374, 49.641

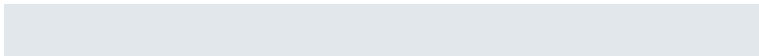
Harmonies

Complementary

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



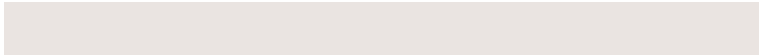
91, 2.643, 55.184



91, 2.603, 236.284

Rectangle

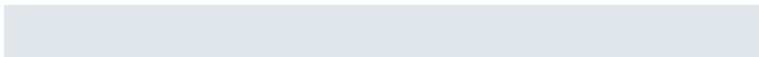
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 2.643, 55.184



91, 2.643, 105.184



91, 2.643, 235.184



91, 2.643, 285.184

Sweetspot

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



91, 2.643, 55.240



100, 0.725, 54.869



90, 4.502, 335.847



53, 0.412, 54.830



0, 0.000, 0.000



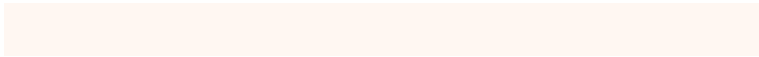
53, 0.007, 296.813

Same Dimension

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



91, 2.643, 55.240



98, 3.701, 55.195



92, 3.891, 101.873



48, 2.364, 55.162



43, 71.742, 49.205



11, 23.162, 44.324

Inverse Universe

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



91, 2.603, 236.284



98, 3.619, 236.340



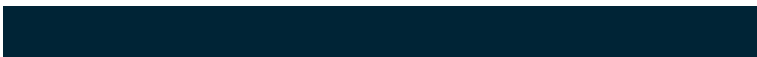
90, 3.930, 282.804



48, 2.303, 236.382



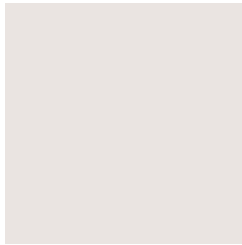
48, 40.063, 262.066



13, 15.840, 253.185

Previews

White Background



This preview shows how the CIELCh color 91, 2.643, 55.184 looks on a white background.

Color Contrast Check

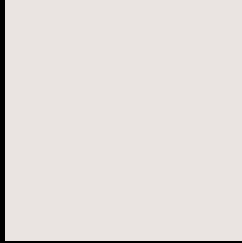
Large Text (above 18pt) WCAG AA × Fail

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, 2.643, 55.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

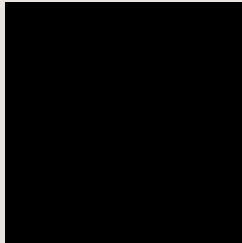
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

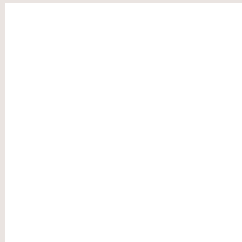
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.643, 55.184

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.643, 55.184.

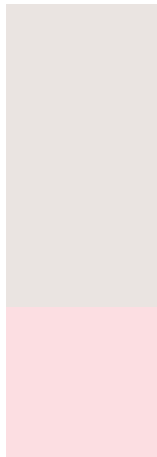


This preview shows how white text looks on a background with the CIELCh color 91, 2.643, 55.184.

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

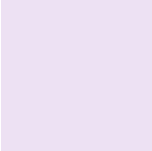
91, 2.643, 55.184

Protanopia

91, 2.643, 55.184

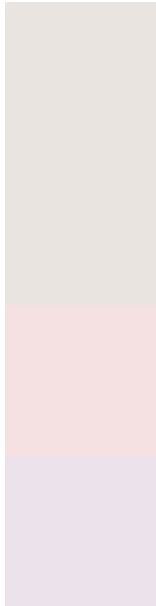
Deuteranopia

91, 11.125, 9.489



Tritanopia
91, 10.296, 314.958

Trichromacy



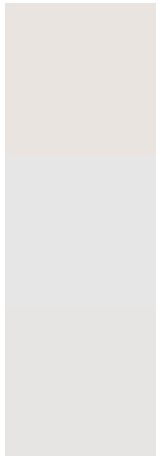
Original Color
91, 2.643, 55.184

Protanomaly
91, 2.643, 55.184

Deuteranomaly
91, 7.689, 12.167

Tritanomaly
91, 6.320, 324.629

Monochromacy



Original Color
91, 2.643, 55.184

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.872, 54.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.643, 55.184 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.643, 55.184 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, 225) }
```

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

```
.border{ border-color:rgb(234, 228, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.643, 55.184 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, 225) }
```

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

```
.background{ background-color: rgb(234,  
228, 225) }
```

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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