

Converting Colors

CIELCh(91, 4.585, 61.196)

Have a look what the booklet for
CIELCh(91, 4.585, 61.196) contains.

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Color

CIELCh(91, 4.482, 63.138)

Conversions

Conversions Part 1

Format	Color
Hex	EDE4DE
RGB	237, 228, 222
RGB Percent	93%, 89%, 87%
CMY	0.0720, 0.1073, 0.1308
CMYK	0.00, 0.04, 0.06, 0.07
HSL	24°, 29%, 90%
HSV	24°, 6%, 93%
XYZ	75.5830, 78.4833, 80.0182
YIQ	230.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

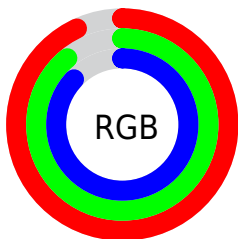
Format	Color
RYB	237, 232, 222
Decimal	15590622
CIELab	91.00, 2.03, 4.00
CIELCh	91, 4.482, 63.138
Yxy	78.4833, 0.3229, 0.3353
Android (android.graphics.Color)	4293780702 (0xFFE4DE)
YUV	230.0070, -3.9475, 6.1329
Hunter-Lab	88.5908, -2.7431, 8.4608

Details

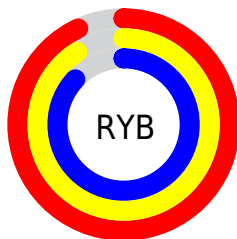
The CIELCh color **91, 4.482, 63.138** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 4.380, 244.732**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 4.462, 66.391** is the 20% darker color. If you saturate the color by 10%, you get **87, 11.929, 62.225**, and if you desaturate by 10%, it is **95, 2.525, 244.508**.

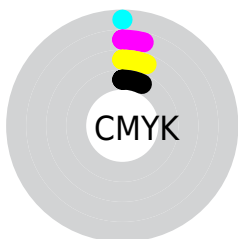
Distribution



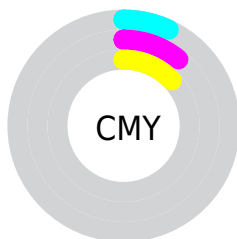
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.482, 63.138 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, 4.482, 63.138 by changing the saturation by 10% instead.

91, 4.482, 63.138

91, 4.482, 63.138

100, 4.482, 63.138

81, 4.482, 63.138

71, 4.482, 63.138

61, 4.482, 63.138

51, 4.482, 63.138

41, 4.482, 63.138

31, 4.482, 63.138

21, 4.482, 63.138

11, 4.482, 63.138

1, 4.482, 63.138

91, 4.482, 63.138

91, 4.482, 63.138

87, 11.929, 62.225

95, 2.525, 244.508

83, 19.861, 61.244

99, 6.300, 199.112

79, 28.315, 60.288

75, 37.305, 59.371

72, 46.794, 58.492

68, 56.645, 57.621

65, 66.513, 56.661

62, 75.651, 55.383

59, 82.774, 53.351

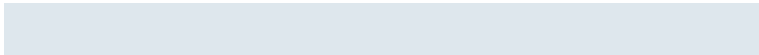
Harmonies

Complementary

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



91, 4.482, 63.138



91, 4.380, 244.732

Rectangle

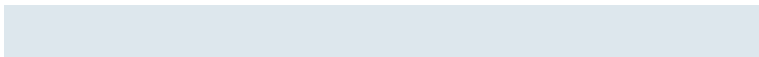
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 4.482, 63.138



91, 4.482, 113.138



91, 4.482, 243.138



91, 4.482, 293.138

Sweetspot

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



91, 4.482, 63.172



99, 1.479, 63.367



90, 7.151, 339.050



53, 0.840, 63.358



0, 0.000, 0.000



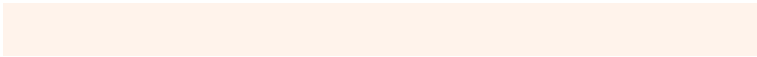
53, 0.007, 296.813

Same Dimension

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



91, 4.482, 63.172



96, 6.045, 63.023



93, 6.952, 105.127



47, 4.030, 62.890



45, 69.165, 53.214



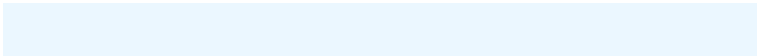
11, 22.546, 50.564

Inverse Universe

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



91, 4.380, 244.732



97, 5.860, 244.908



89, 7.046, 286.510



47, 3.881, 245.067



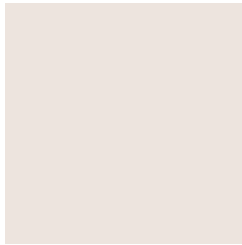
44, 45.534, 272.307



11, 17.407, 263.412

Previews

White Background



This preview shows how the CIELCh color 91, 4.482, 63.138 looks on a white background.

Color Contrast Check

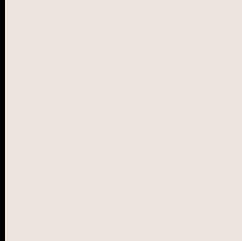
Large Text (above 18pt) WCAG AA × Fail

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, 4.482, 63.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

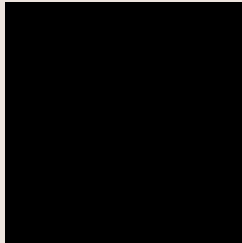
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

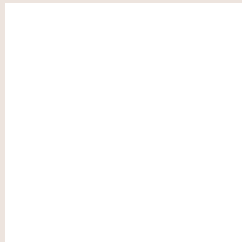
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.482, 63.138

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.482, 63.138.

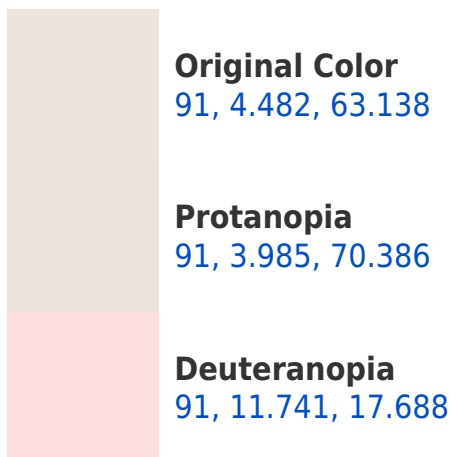


This preview shows how white text looks on a background with the CIELCh color 91, 4.482, 63.138.

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](#).

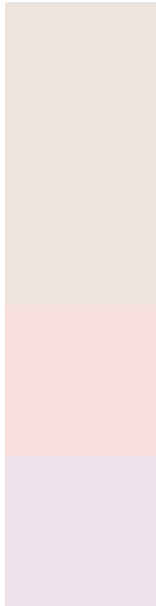
Dichromacy





Tritanopia
91, 10.329, 321.525

Trichromacy



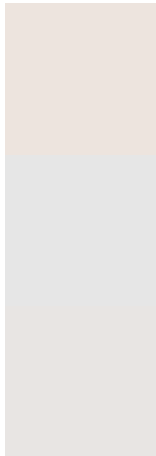
Original Color
91, 4.482, 63.138

Protanomaly
91, 4.224, 66.550

Deuteranomaly
91, 8.777, 23.315

Tritanomaly
91, 6.605, 334.912

Monochromacy



Original Color
91, 4.482, 63.138

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.477, 63.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.482, 63.138 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(237, 228, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 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(237, 228, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.482, 63.138 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(237, 228, 222) }
```

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

```
.border{ border-color:rgb(237, 228, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.482, 63.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 222) }
```

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

```
.background{ background-color: rgb(237,  
228, 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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