

Converting Colors

CIELCh(91, 4.154, 49.298)

Have a look what the booklet for
CIELCh(91, 4.154, 49.298) contains.

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Color

CIELCh(91, 4.154, 49.298)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3DF
RGB	237, 227, 223
RGB Percent	93%, 89%, 87%
CMY	0.0695, 0.1087, 0.1244
CMYK	0.00, 0.04, 0.06, 0.07
HSL	17°, 28%, 90%
HSV	17°, 6%, 93%
XYZ	75.9182, 78.4833, 81.1530
YIQ	229.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

Format	Color
RYB	237, 229, 223
Decimal	15590367
CIELab	91.00, 2.71, 3.15
CIElCh	91, 4.154, 49.298
Yxy	78.4833, 0.3223, 0.3332
Android (android.graphics.Color)	4293780447 (0xFFEDE3DF)
YUV	229.5340, -3.2213, 6.5477
Hunter-Lab	88.5908, -2.0677, 7.7014

Details

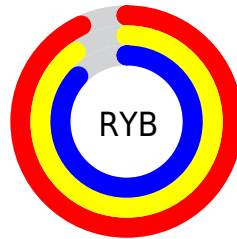
The CIELCh color **91, 4.154, 49.298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 4.027, 230.361**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 4.060, 51.911** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.635, 48.866**, and if you desaturate by 10%, it is **96, 2.787, 230.295**.

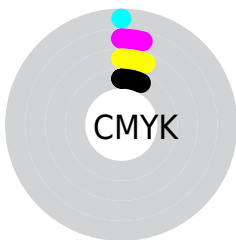
Distribution



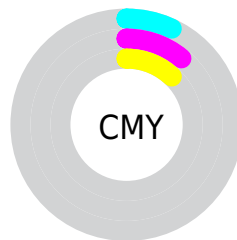
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (90%)
- Blue (87%)



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




- Cyan (7%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.154, 49.298 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, 4.154, 49.298 by changing the saturation by 10% instead.

 91, 4.154, 49.298	 91, 4.154, 49.298
 100, 4.154, 49.298	 81, 4.154, 49.298
	 71, 4.154, 49.298
	 61, 4.154, 49.298
	 51, 4.154, 49.298
	 41, 4.154, 49.298
	 31, 4.154, 49.298
	 21, 4.154, 49.298
	 11, 4.154, 49.298
	 1, 4.154, 49.298

91, 4.154, 49.298

91, 4.154, 49.298

86, 11.635, 48.866

96, 2.787, 230.295

82, 19.714, 48.404

99, 6.084, 199.129

77, 28.439, 48.030

73, 37.834, 47.774

68, 47.879, 47.654

65, 58.457, 47.660

61, 69.257, 47.712

58, 79.553, 47.572

55, 87.887, 46.712

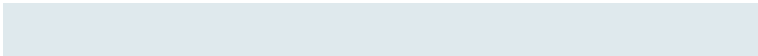
Harmonies

Complementary

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



91, 4.154, 49.298



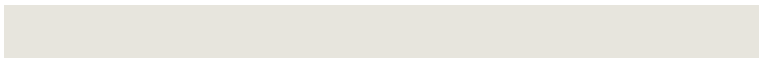
92, 4.027, 230.361

Rectangle

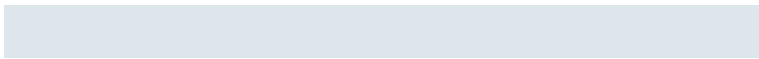
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 4.154, 49.298



91, 4.154, 99.298



91, 4.154, 229.298



91, 4.154, 279.298

Sweetspot

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



91, 4.154, 49.334



99, 1.468, 49.288



90, 7.253, 333.965



53, 0.834, 49.272



0, 0.000, 0.000



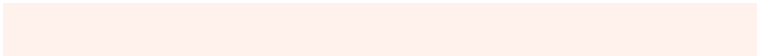
53, 0.007, 296.813

Same Dimension

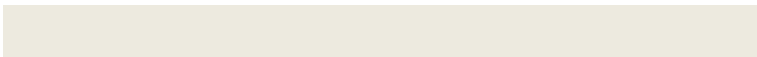
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 4.154, 49.334



96, 5.246, 49.291



93, 5.736, 98.674



48, 3.247, 49.268



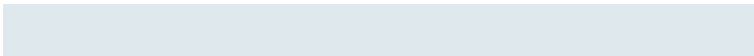
42, 74.411, 46.788



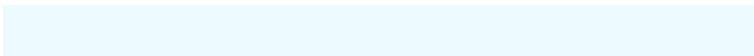
11, 25.006, 41.036

Inverse Universe

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



92, 4.027, 230.361



97, 5.051, 230.420



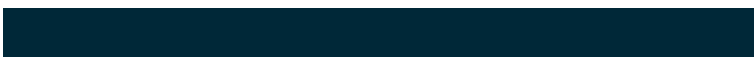
90, 5.785, 280.115



49, 3.116, 230.452



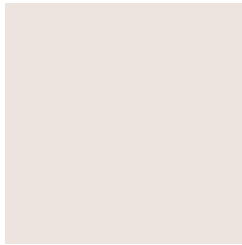
51, 37.446, 253.436



14, 15.540, 245.452

Previews

White Background



This preview shows how the CIELCh color 91, 4.154, 49.298 looks on a white background.

Color Contrast Check

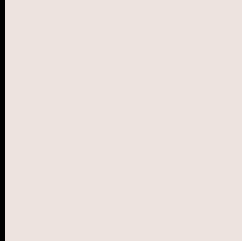
Large Text (above 18pt) WCAG AA × Fail

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, 4.154, 49.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

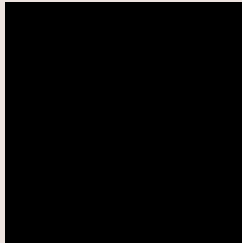
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

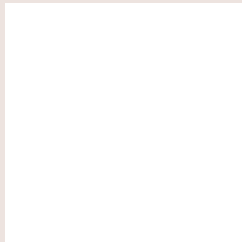
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.154, 49.298

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.154, 49.298.

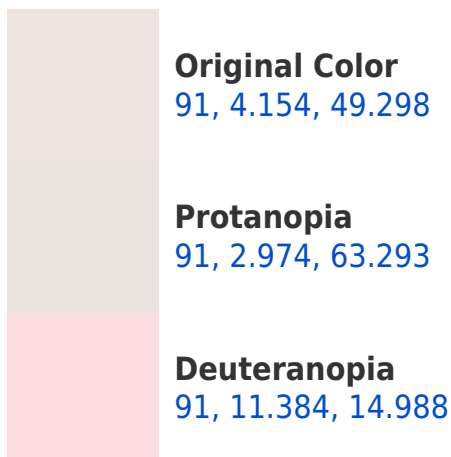


This preview shows how white text looks on a background with the CIELCh color 91, 4.154, 49.298.

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](#).

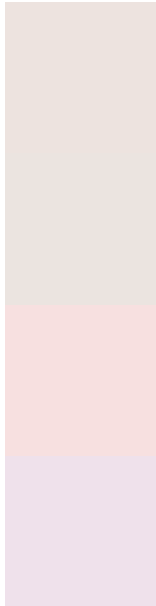
Dichromacy





Tritanopia
91, 10.962, 321.734

Trichromacy



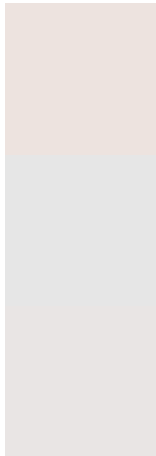
Original Color
91, 4.154, 49.298

Protanomaly
91, 3.246, 58.864

Deuteranomaly
91, 8.379, 19.927

Tritanomaly
91, 7.229, 334.056

Monochromacy



Original Color
91, 4.154, 49.298

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.514, 39.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.154, 49.298 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, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 223)  
}
```

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, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.154, 49.298 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, 227, 223) }
```

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

```
.border{ border-color:rgb(237, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.154, 49.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 223) }
```

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

```
.background{ background-color: rgb(237,  
227, 223) }
```

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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