

Converting Colors

CIELCh(91, 6.008, 90.622)

Have a look what the booklet for
CIELCh(91, 6.008, 90.622) contains.

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Color

CIELCh(91, 5.949, 91.873)

Conversions

Conversions Part 1

Format	Color
Hex	EAE5DA
RGB	234, 229, 218
RGB Percent	92%, 90%, 85%
CMY	0.0829, 0.1025, 0.1456
CMYK	0.00, 0.02, 0.07, 0.08
HSL	41°, 27%, 89%
HSV	41°, 7%, 92%
XYZ	74.5017, 78.4833, 77.4559
YIQ	229.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

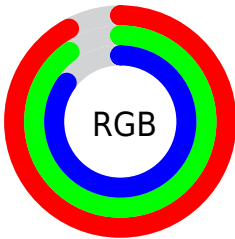
Format	Color
R _Y B	225, 234, 218
Decimal	15394266
CIE Lab	91.00, -0.19, 5.95
CIE LCh	91, 5.949, 91.873
Yxy	78.4833, 0.3233, 0.3406
Android (android.graphics.Color)	4293584346 (0xFFEAE5DA)
YUV	229.2410, -5.5418, 4.1736
Hunter-Lab	88.5908, -4.9217, 10.1757

Details

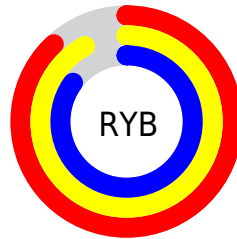
The CIELCh color **91, 5.949, 91.873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 5.968, 273.688**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.163, 95.078** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.803, 90.654**, and if you desaturate by 10%, it is **93, 2.737, 273.249**.

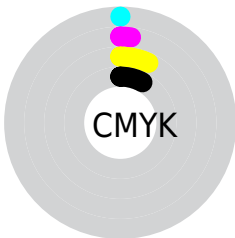
Distribution



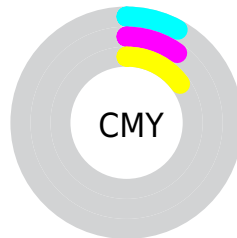
- Red (92%)
- Green (90%)
- Blue (85%)



- Red (88%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.949, 91.873 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, 5.949, 91.873 by changing the saturation by 10% instead.

91, 5.949, 91.873

91, 5.949, 91.873

100, 5.949, 91.873

81, 5.949, 91.873

71, 5.949, 91.873

61, 5.949, 91.873

51, 5.949, 91.873

41, 5.949, 91.873

31, 5.949, 91.873

21, 5.949, 91.873

11, 5.949, 91.873

1, 5.949, 91.873

91, 5.949, 91.873

91, 5.949, 91.873

89, 14.803, 90.654

93, 2.737, 273.249

86, 23.811, 89.353

96, 6.713, 261.344

84, 32.935, 88.009

97, 6.136, 219.829

82, 42.096, 86.624

99, 7.234, 199.039

80, 51.133, 85.192

78, 59.743, 83.691

76, 67.402, 82.065

74, 73.319, 80.207

72, 76.664, 77.950

Harmonies

Complementary

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



91, 5.949, 91.873



89, 5.968, 273.688

Rectangle

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



91, 5.949, 91.873



91, 5.949, 141.873



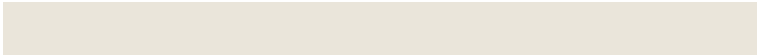
91, 5.949, 271.873



91, 5.949, 321.873

Sweetspot

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



91, 5.950, 91.894



99, 1.850, 92.384



88, 6.375, 355.374



53, 1.051, 92.389



0, 0.000, 0.000



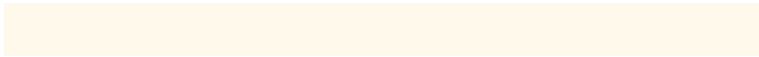
53, 0.007, 296.813

Same Dimension

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



91, 5.950, 91.894



98, 7.475, 91.751



92, 8.314, 116.875



48, 4.969, 91.578



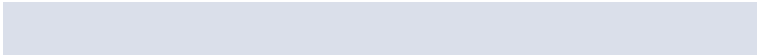
56, 63.947, 77.675



16, 23.645, 80.556

Inverse Universe

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



89, 5.968, 273.688



95, 7.494, 273.843



88, 8.450, 297.846



46, 4.979, 274.035



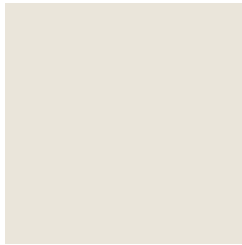
30, 78.039, 297.684



6, 27.564, 289.937

Previews

White Background



This preview shows how the CIELCh color 91, 5.949, 91.873 looks on a white background.

Color Contrast Check

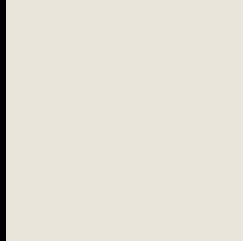
Large Text (above 18pt) WCAG AA × Fail

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, 5.949, 91.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

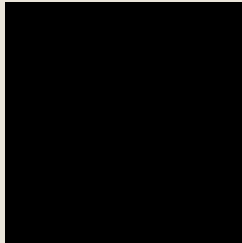
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

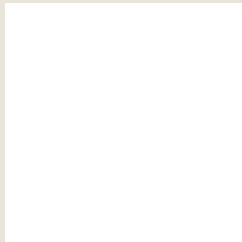
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.949, 91.873

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.949, 91.873.

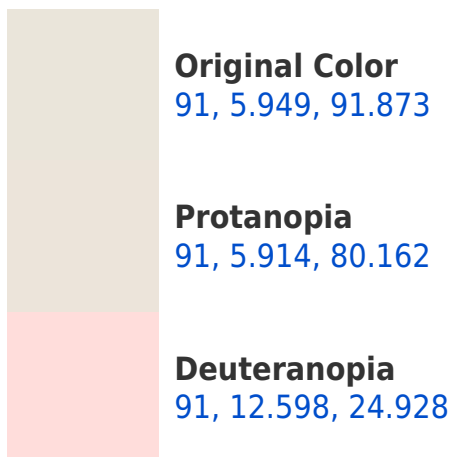


This preview shows how white text looks on a background with the CIELCh color 91, 5.949, 91.873.

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](#).

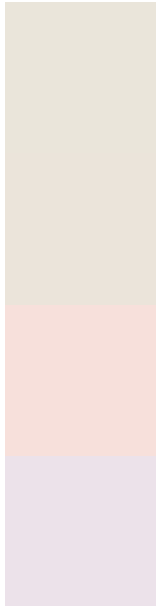
Dichromacy





Tritanopia
91, 10.296, 314.958

Trichromacy



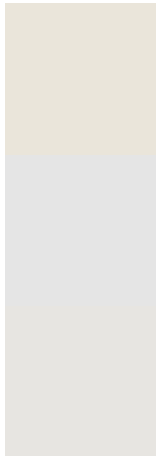
Original Color
91, 5.949, 91.873

Protanomaly
91, 5.744, 83.358

Deuteranomaly
91, 8.831, 36.861

Tritanomaly
91, 5.498, 330.728

Monochromacy



Original Color
91, 5.949, 91.873

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.174, 90.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.949, 91.873 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, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 218)  
}
```

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, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.949, 91.873 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, 229, 218) }
```

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

```
.border{ border-color:rgb(234, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.949, 91.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 218) }
```

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

```
.background{ background-color: rgb(234,  
229, 218) }
```

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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