

Converting Colors

CIELCh(89, 3.685, 9.055)

Have a look what the booklet for
CIELCh(89, 3.685, 9.055) contains.

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Color

CIELCh(89, 3.764, 3.493)

Conversions

Conversions Part 1

Format	Color
Hex	E7DDDF
RGB	231, 221, 223
RGB Percent	91%, 87%, 87%
CMY	0.0934, 0.1326, 0.1248
CMYK	0.00, 0.04, 0.03, 0.09
HSL	348°, 17%, 89%
HSV	348°, 4%, 91%
XYZ	72.2609, 74.1641, 80.4456
YIQ	224.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

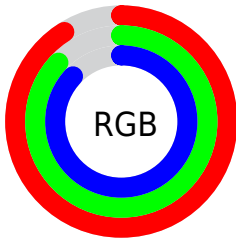
Format	Color
RYB	231, 221, 223
Decimal	15195615
CIELab	89.00, 3.76, 0.23
CIElCh	89, 3.764, 3.493
Yxy	74.1641, 0.3185, 0.3269
Android (android.graphics.Color)	4293385695 (0xFFE7DDDF)
YUV	224.2180, -0.6005, 5.9478
Hunter-Lab	86.1186, -0.9308, 4.8987

Details

The CIELCh color **89, 3.764, 3.493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 3.693, 183.045**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 3.606, 1.911** is the 20% darker color. If you saturate the color by 10%, you get **83, 12.791, 4.633**, and if you desaturate by 10%, it is **95, 4.791, 182.920**.

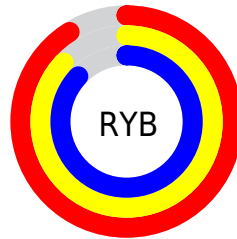
Distribution



Red (91%)

Green (87%)

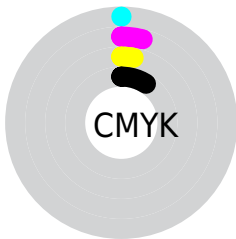
Blue (87%)



Red (91%)

Yellow (87%)

Blue (87%)

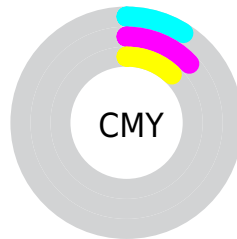


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.764, 3.493 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 89, 3.764, 3.493 by changing the saturation by 10% instead.

89, 3.764, 3.493

89, 3.764, 3.493

100, 3.764, 3.493

79, 3.764, 3.493

69, 3.764, 3.493

59, 3.764, 3.493

49, 3.764, 3.493

39, 3.764, 3.493

29, 3.764, 3.493

19, 3.764, 3.493

9, 3.764, 3.493

0, 3.764, 3.493

89, 3.764, 3.493

89, 3.764, 3.493

83, 12.791, 4.633

95, 4.791, 182.920

77, 22.263, 5.849

98, 8.128, 198.973

71, 32.087, 7.303

66, 42.086, 9.088

61, 51.981, 11.321

56, 61.402, 14.150

53, 69.960, 17.730

50, 77.389, 22.160

49, 83.682, 27.339

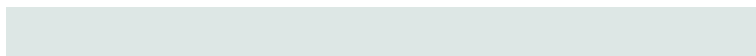
Harmonies

Complementary

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



89, 3.764, 3.493



91, 3.693, 183.045

Rectangle

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



89, 3.764, 3.493



89, 3.764, 53.493



89, 3.764, 183.493



89, 3.764, 233.493

Sweetspot

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



89, 3.762, 3.516



99, 0.937, 2.712



89, 5.969, 318.963



53, 0.533, 2.674



0, 0.000, 0.000



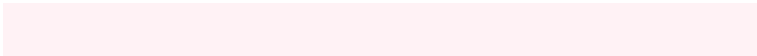
53, 0.007, 296.813

Same Dimension

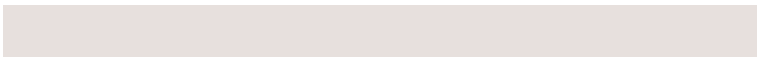
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 3.762, 3.516



97, 4.718, 3.604



90, 2.954, 51.082



46, 2.957, 3.680



37, 71.031, 29.328



7, 26.668, 13.427

Inverse Universe

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



89, 3.762, 3.516



97, 4.718, 3.604



90, 2.895, 232.056



46, 2.957, 3.680



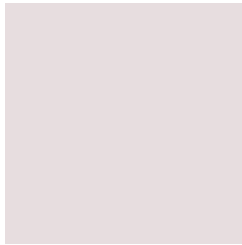
37, 71.031, 29.328



7, 26.668, 13.427

Previews

White Background



This preview shows how the CIELCh color 89, 3.764, 3.493 looks on a white background.

Color Contrast Check

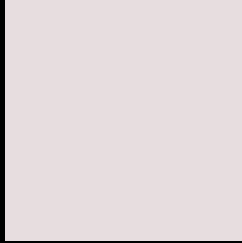
Large Text (above 18pt) WCAG AA × Fail

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 89, 3.764, 3.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

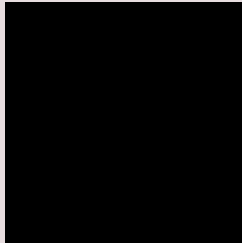
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

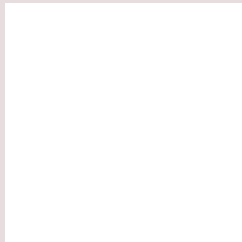
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.764, 3.493

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.764, 3.493.

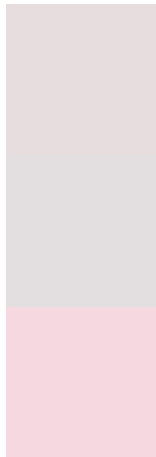


This preview shows how white text looks on a background with the CIELCh color 89, 3.764, 3.493.

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

89, 3.764, 3.493

Protanopia

89, 2.089, 349.377

Deuteranopia

89, 11.345, 358.764



Tritanopia
89, 10.202, 319.811

Trichromacy



Original Color

89, 3.764, 3.493

Protanomaly

89, 2.736, 357.045

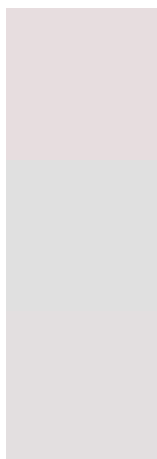
Deuteranomaly

89, 8.577, 358.693

Tritanomaly

89, 7.190, 327.026

Monochromacy



Original Color

89, 3.764, 3.493

Achromatopsia

89, 0.011, 296.813

Achromatomaly

89, 1.536, 359.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.764, 3.493 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, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 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(231, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.764, 3.493 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, 221, 223) }
```

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

```
.border{ border-color:rgb(231, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.764, 3.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 223) }
```

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

```
.background{ background-color: rgb(231,  
221, 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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