

Converting Colors

CIELCh(90, 3.612, 144.272)

Have a look what the booklet for
CIELCh(90, 3.612, 144.272) contains.

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Color

CIELCh(90, 3.796, 144.370)

Conversions

Conversions Part 1

Format	Color
Hex	DEE4DE
RGB	222, 228, 222
RGB Percent	87%, 89%, 87%
CMY	0.1293, 0.1058, 0.1293
CMYK	0.03, 0.00, 0.03, 0.11
HSL	120°, 10%, 88%
HSV	120°, 3%, 89%
XYZ	71.0647, 76.3034, 80.1019
YIQ	225.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

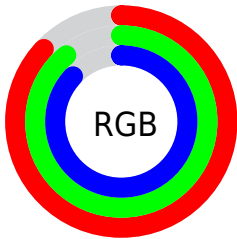
Format	Color
R _Y B	222, 228, 228
Decimal	14607582
CIE Lab	90.00, -3.09, 2.21
CIE LCh	90, 3.796, 144.370
Yxy	76.3034, 0.3124, 0.3354
Android (android.graphics.Color)	4292797662 (0xFFDEE4DE)
YUV	225.5220, -1.7363, -3.0888
Hunter-Lab	87.3518, -7.6477, 6.7771

Details

The CIELCh color **90, 3.796, 144.370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 3.817, 324.513**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 4.002, 144.308** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.387, 143.691**, and if you desaturate by 10%, it is **92, 10.559, 324.793**.

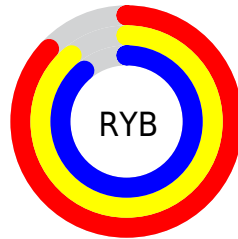
Distribution



Red (87%)

Green (89%)

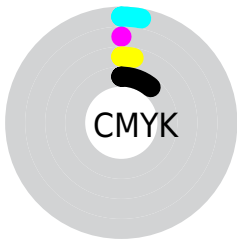
Blue (87%)



Red (87%)

Yellow (89%)

Blue (89%)

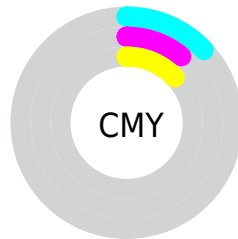


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.796, 144.370 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 90, 3.796, 144.370 by changing the saturation by 10% instead.

■ 90, 3.796, 144.370

■ 90, 3.796, 144.370

■ 100, 3.796,
144.370

■ 80, 3.796, 144.370

■ 70, 3.796, 144.370

■ 60, 3.796, 144.370

■ 50, 3.796, 144.370

■ 40, 3.796, 144.370

■ 30, 3.796, 144.370

■ 20, 3.796, 144.370

■ 10, 3.796, 144.370

■ 0, 3.796, 144.370

90, 3.796, 144.370

90, 3.796, 144.370

88, 18.387,
143.691

92, 10.559,
324.793

86, 33.043,
142.953

93, 16.863,
325.009

84, 47.537,
142.098


83, 61.564,
141.120

82, 74.731,
140.035

81, 86.555,
138.892

80, 96.471,
137.788

80, 103.885,
136.861

 79,108.366,
136.256

Harmonies

Complementary

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



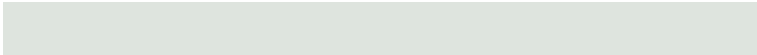
90, 3.796, 144.370



89, 3.817, 324.513

Rectangle

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



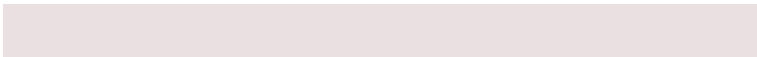
90, 3.796, 144.370



90, 3.796, 194.370



90, 3.796, 324.370



90, 3.796, 14.370

Sweetspot

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



90, 3.798, 144.371



100, 1.571, 144.584



90, 3.099, 109.903



53, 0.893, 144.597



0, 0.000, 0.000



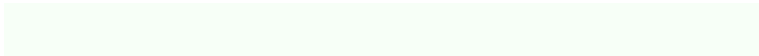
53, 0.007, 296.813

Same Dimension

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



90, 3.798, 144.371



99, 4.742, 144.339



90, 2.657, 163.605



48, 3.300, 144.281



63, 91.650, 136.016



17, 36.761, 138.832

Inverse Universe

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



89, 3.817, 324.513



98, 4.763, 324.544



89, 2.679, 343.699



47, 3.312, 324.599



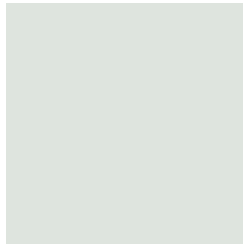
42, 88.425, 328.234



9, 37.107, 328.234

Previews

White Background



This preview shows how the CIELCh color 90, 3.796, 144.370 looks on a white background.

Color Contrast Check

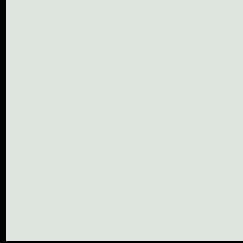
Large Text (above 18pt) WCAG AA × Fail

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 90, 3.796, 144.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

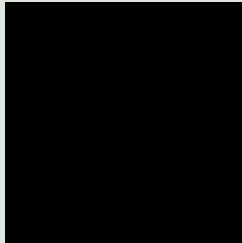
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

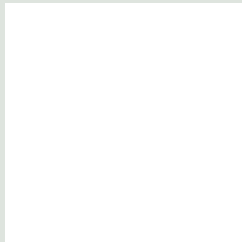
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.796, 144.370

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.796, 144.370.

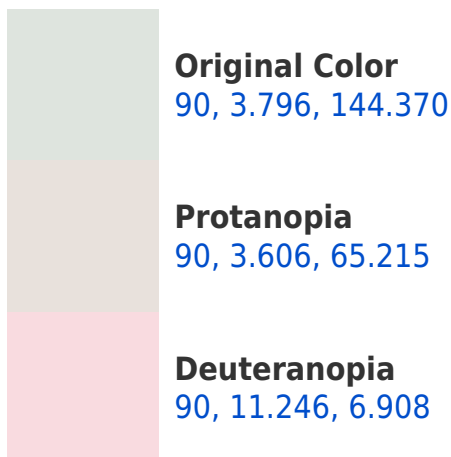


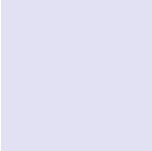
This preview shows how white text looks on a background with the CIELCh color 90, 3.796, 144.370.

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](#).

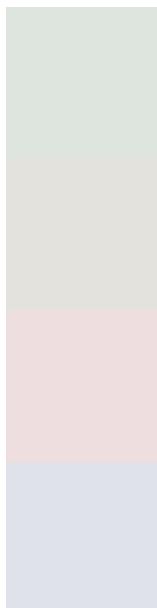
Dichromacy





Tritanopia
90, 9.364, 290.941

Trichromacy



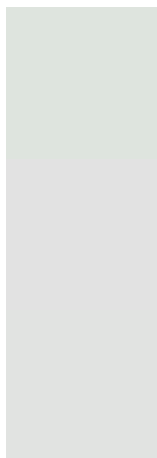
Original Color
90, 3.796, 144.370

Protanomaly
90, 2.675, 94.294

Deuteranomaly
90, 6.192, 14.960

Tritanomaly
90, 4.724, 282.043

Monochromacy



Original Color
90, 3.796, 144.370

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.258, 144.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.796, 144.370 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(222, 228, 222)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 90, 3.796, 144.370 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(222, 228, 222) }
```

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

```
.border{ border-color:rgb(222, 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(222, 228, 222)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 90, 3.796, 144.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(222,  
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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