

Converting Colors

CIELCh(91, 3.640, 77.507)

Have a look what the booklet for
CIELCh(91, 3.640, 77.507) contains.

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Color

CIELCh(91, 3.765, 74.686)

Conversions

Conversions Part 1

Format	Color
Hex	EAE4DE
RGB	234, 228, 222
RGB Percent	92%, 89%, 87%
CMY	0.0812, 0.1047, 0.1282
CMYK	0.00, 0.03, 0.05, 0.08
HSL	30°, 22%, 90%
HSV	30°, 5%, 92%
XYZ	75.0796, 78.4833, 80.5074
YIQ	229.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

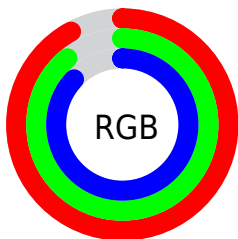
Format	Color
R_{YB}	234, 234, 222
Decimal	15394014
CIE Lab	91.00, 0.99, 3.63
CIE LCh	91, 3.765, 74.686
Yxy	78.4833, 0.3208, 0.3353
Android (android.graphics.Color)	4293584094 (0xFFEAE4DE)
YUV	229.1100, -3.5052, 4.2885
Hunter-Lab	88.5908, -3.7575, 8.1334

Details

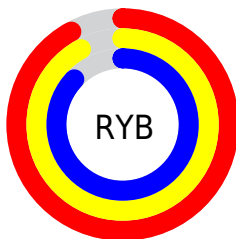
The CIELCh color **91, 3.765, 74.686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 3.733, 256.211**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.767, 79.335** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.390, 73.560**, and if you desaturate by 10%, it is **95, 3.525, 256.162**.

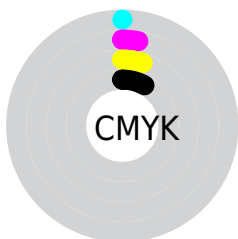
Distribution



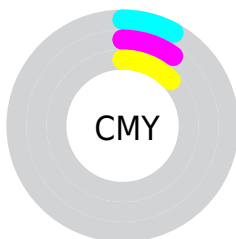
- Red (92%)
- Green (89%)
- Blue (87%)



- Red (92%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.765, 74.686 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, 3.765, 74.686 by changing the saturation by 10% instead.

91, 3.765, 74.686

91, 3.765, 74.686

100, 3.765, 74.686

81, 3.765, 74.686

71, 3.765, 74.686

61, 3.765, 74.686

51, 3.765, 74.686

41, 3.765, 74.686

31, 3.765, 74.686

21, 3.765, 74.686

11, 3.765, 74.686

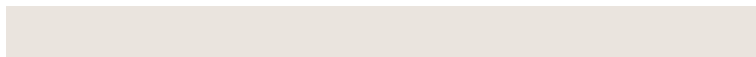
1, 3.765, 74.686

91, 3.765, 74.686	91, 3.765, 74.686
88, 11.390, 73.560	95, 3.525, 256.162
84, 19.378, 72.318	98, 6.161, 214.964
81, 27.746, 71.054	99, 7.086, 199.050
77, 36.489, 69.778	
74, 45.546, 68.482	
71, 54.756, 67.133	
68, 63.756, 65.649	
66, 71.839, 63.842	
63, 77.901, 61.379	

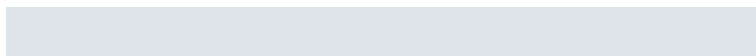
Harmonies

Complementary

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



91, 3.765, 74.686



90, 3.733, 256.211

Rectangle

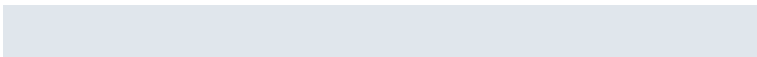
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 3.765, 74.686



91, 3.765, 124.686



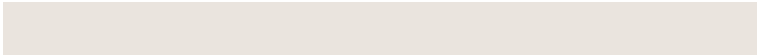
91, 3.765, 254.686



91, 3.765, 304.686

Sweetspot

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



91, 3.766, 74.724



99, 1.559, 74.930



90, 5.341, 343.988



53, 0.886, 74.928



0, 0.000, 0.000



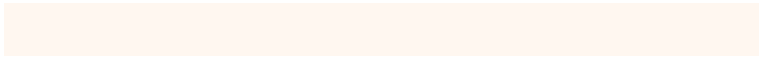
53, 0.007, 296.813

Same Dimension

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



91, 3.766, 74.724



98, 4.736, 74.629



93, 6.172, 109.674



48, 2.938, 74.564



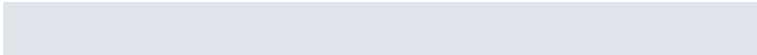
49, 65.886, 60.680



13, 22.178, 60.971

Inverse Universe

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



90, 3.733, 256.211



97, 4.681, 256.315



89, 6.261, 290.701



47, 2.898, 256.387



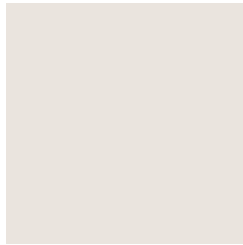
39, 55.803, 284.033



9, 20.594, 275.863

Previews

White Background



This preview shows how the CIELCh color 91, 3.765, 74.686 looks on a white background.

Color Contrast Check

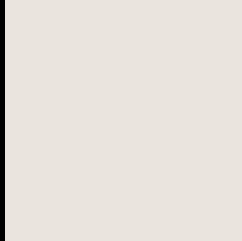
Large Text (above 18pt) WCAG AA × Fail

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, 3.765, 74.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

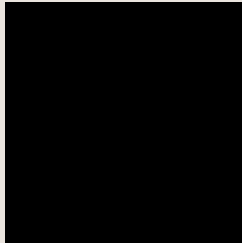
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

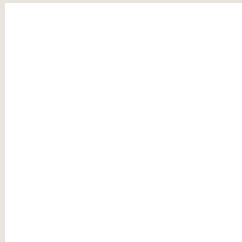
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.765, 74.686

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.765, 74.686.

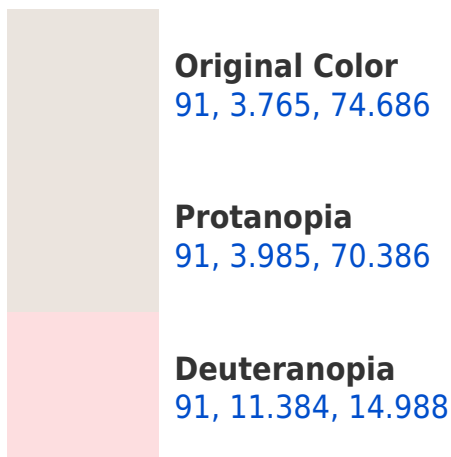


This preview shows how white text looks on a background with the CIELCh color 91, 3.765, 74.686.

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](#).

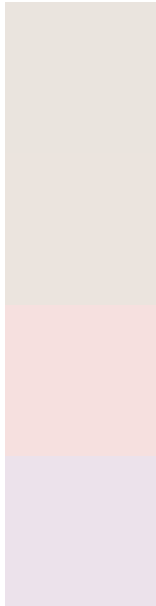
Dichromacy





Tritanopia
91, 10.296, 314.958

Trichromacy



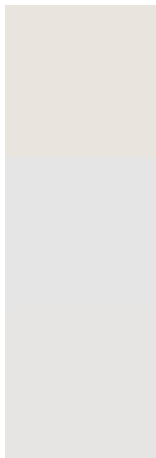
Original Color
91, 3.765, 74.686

Protanomaly
91, 3.985, 70.386

Deuteranomaly
91, 8.037, 23.570

Tritanomaly
91, 5.901, 327.463

Monochromacy



Original Color
91, 3.765, 74.686

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.243, 74.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.765, 74.686 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, 228, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 228, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.765, 74.686 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, 228, 222) }
```

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

```
.border{ border-color:rgb(234, 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(234, 228, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 228, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 228, 222); box-shadow:4px 4px 4px 4px rgb(234, 228, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.765, 74.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 222) }
```

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

```
.background{ background-color: rgb(234,  
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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