

Converting Colors

CIELCh(91, 3.754, 39.594)

Have a look what the booklet for
CIELCh(91, 3.754, 39.594) contains.

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Color

CIELCh(91, 3.745, 35.494)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3E1
RGB	237, 227, 225
RGB Percent	93%, 89%, 88%
CMY	0.0700, 0.1093, 0.1171
CMYK	0.00, 0.04, 0.05, 0.07
HSL	10°, 25%, 91%
HSV	10°, 5%, 93%
XYZ	76.0853, 78.4833, 82.4688
YIQ	229.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

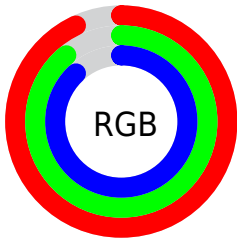
Format	Color
R_{YB}	237, 227, 225
Decimal	15590369
CIE _{Lab}	91.00, 3.05, 2.17
CIE _{LCh}	91, 3.745, 35.494
Yxy	78.4833, 0.3210, 0.3311
Android (android.graphics.Color)	4293780449 (0xFFE3E3E1)
YUV	229.7620, -2.3477, 6.3477
Hunter-Lab	88.5908, -1.7310, 6.8208

Details

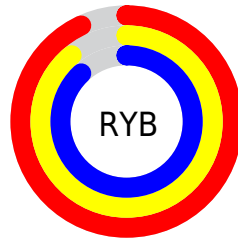
The CIELCh color **91, 3.745, 35.494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 3.629, 215.947**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.589, 37.179** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.617, 35.666**, and if you desaturate by 10%, it is **97, 3.513, 215.955**.

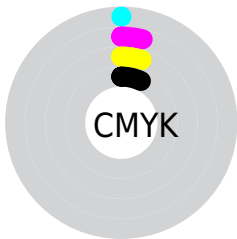
Distribution



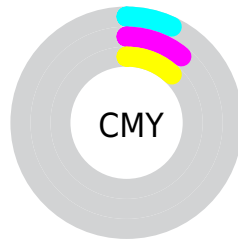
- Red (93%)
- Green (89%)
- Blue (88%)



- Red (93%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.745, 35.494 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, 3.745, 35.494 by changing the saturation by 10% instead.

91, 3.745, 35.494

91, 3.745, 35.494

100, 3.745, 35.494

81, 3.745, 35.494

71, 3.745, 35.494

61, 3.745, 35.494

51, 3.745, 35.494

41, 3.745, 35.494

31, 3.745, 35.494

21, 3.745, 35.494

11, 3.745, 35.494

1, 3.745, 35.494

91, 3.745, 35.494

91, 3.745, 35.494

86, 11.617, 35.666

97, 3.513, 215.955

80, 20.163, 35.842

99, 6.131, 199.125

75, 29.422, 36.178

70, 39.402, 36.729

65, 50.054, 37.540

61, 61.232, 38.638

58, 72.613, 39.979

54, 83.481, 41.332

52, 92.281, 42.075

Harmonies

Complementary

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



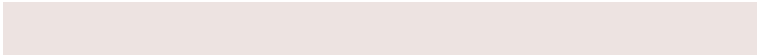
91, 3.745, 35.494



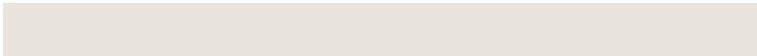
92, 3.629, 215.947

Rectangle

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



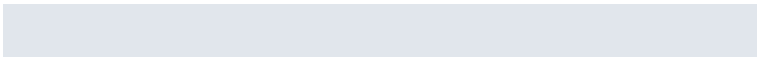
91, 3.745, 35.494



91, 3.745, 85.494



91, 3.745, 215.494



91, 3.745, 265.494

Sweetspot

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



91, 3.744, 35.531



99, 1.549, 35.287



91, 6.754, 329.647



53, 0.880, 35.265



0, 0.000, 0.000



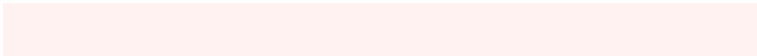
53, 0.007, 296.813

Same Dimension

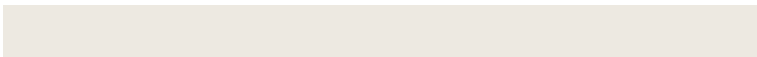
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 3.744, 35.531



96, 4.727, 35.556



92, 4.348, 90.437



47, 2.935, 35.568



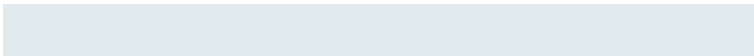
39, 77.704, 42.603



9, 25.415, 32.203

Inverse Universe

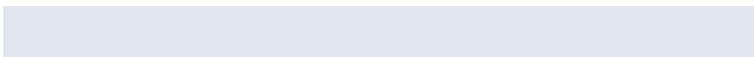
The Inverse Universe completely reimagines the original color for something new.



92, 3.629, 215.947



98, 4.553, 215.933



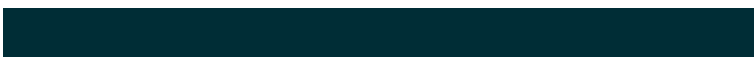
91, 4.361, 271.830



48, 2.816, 215.929



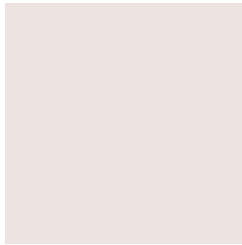
57, 33.670, 228.302



16, 14.457, 223.025

Previews

White Background



This preview shows how the CIELCh color 91, 3.745, 35.494 looks on a white background.

Color Contrast Check

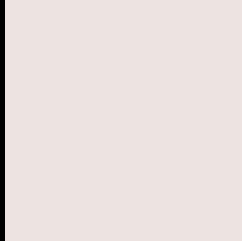
Large Text (above 18pt) WCAG AA × Fail

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, 3.745, 35.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

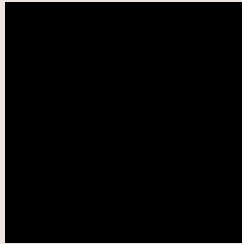
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

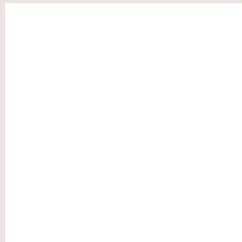
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.745, 35.494

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.745, 35.494.

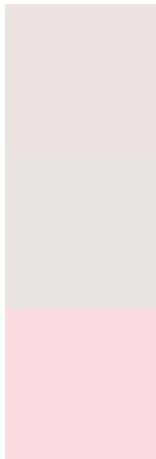


This preview shows how white text looks on a background with the CIELCh color 91, 3.745, 35.494.

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
91, 3.745, 35.494

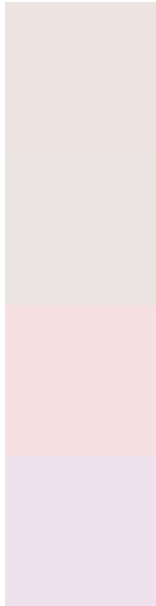
Protanopia
91, 2.379, 45.018

Deuteranopia
91, 11.125, 9.489



Tritanopia
91, 10.329, 321.525

Trichromacy



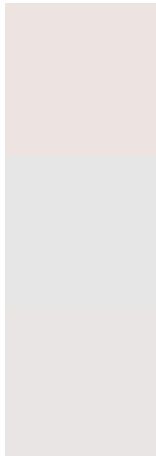
Original Color
91, 3.745, 35.494

Protanomaly
91, 2.710, 41.742

Deuteranomaly
91, 8.419, 12.904

Tritanomaly
91, 6.981, 331.922

Monochromacy



Original Color
91, 3.745, 35.494

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, 3.745, 35.494 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.745, 35.494 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, 225) }
```

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

```
.border{ border-color:rgb(237, 227, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.745, 35.494 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, 225) }
```

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

```
.background{ background-color: rgb(237,  
227, 225) }
```

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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