

Converting Colors

CIELCh(90, 3.834, 357.767)

Have a look what the booklet for
CIELCh(90, 3.834, 357.767) contains.

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Color

CIELCh(90, 3.930, 356.220)

Conversions

Conversions Part 1

Format	Color
Hex	EAE0E3
RGB	234, 224, 227
RGB Percent	92%, 88%, 89%
CMY	0.0826, 0.1218, 0.1100
CMYK	0.00, 0.04, 0.03, 0.08
HSL	342°, 19%, 90%
HSV	342°, 4%, 92%
XYZ	74.4075, 76.3034, 83.4352
YIQ	227.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

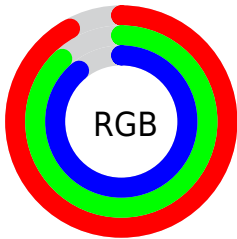
Format	Color
R_{YB}	234, 224, 227
Decimal	15392995
CIE Lab	90.00, 3.92, -0.26
CIE LCh	90, 3.930, 356.220
Yxy	76.3034, 0.3178, 0.3259
Android (android.graphics.Color)	4293583075 (0xFFEAE0E3)
YUV	227.3320, -0.1637, 5.8478
Hunter-Lab	87.3518, -0.8168, 4.5146

Details

The CIELCh color **90, 3.930, 356.220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 3.872, 175.728**, 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, 3.796, 354.038** is the 20% darker color. If you saturate the color by 10%, you get **84, 13.388, 357.352**, and if you desaturate by 10%, it is **96, 5.134, 175.590**.

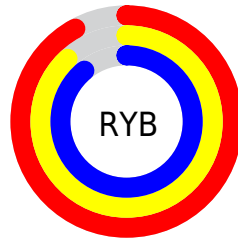
Distribution



Red (92%)

Green (88%)

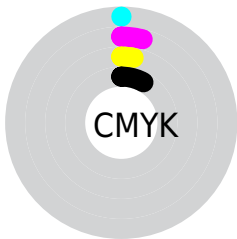
Blue (89%)



Red (92%)

Yellow (88%)

Blue (89%)

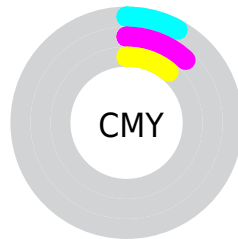


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.930, 356.220 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, 3.930, 356.220 by changing the saturation by 10% instead.

90, 3.930, 356.220

90, 3.930, 356.220

100, 3.930,
356.220

80, 3.930, 356.220

70, 3.930, 356.220

60, 3.930, 356.220

50, 3.930, 356.220

40, 3.930, 356.220

30, 3.930, 356.220

20, 3.930, 356.220

10, 3.930, 356.220

0, 3.930, 356.220

90, 3.930, 356.220

90, 3.930, 356.220

84, 13.388,
357.352

96, 5.134, 175.590

78, 23.188,
358.548

99, 7.207, 199.041

72, 33.198,
359.948

67, 43.200, 1.634

62, 52.863, 3.710

57, 61.756, 6.316

54, 69.429, 9.624

51, 75.574, 13.801

50, 80.240, 18.912

Harmonies

Complementary

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



90, 3.930, 356.220



92, 3.872, 175.728

Rectangle

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



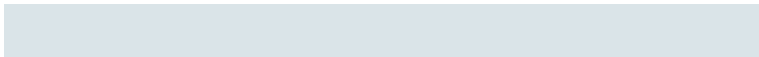
90, 3.930, 356.220



90, 3.930, 46.220



90, 3.930, 176.220



90, 3.930, 226.220

Sweetspot

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



90, 3.928, 356.239



99, 0.983, 355.489



90, 5.791, 315.876



53, 0.559, 355.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

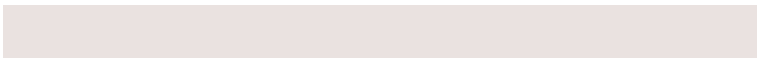
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 3.928, 356.239



97, 4.937, 356.331



90, 3.053, 39.190



47, 3.149, 356.408



38, 67.781, 21.045



7, 27.799, 9.381

Inverse Universe

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



90, 3.928, 356.239



97, 4.937, 356.331



91, 2.978, 219.788



47, 3.149, 356.408



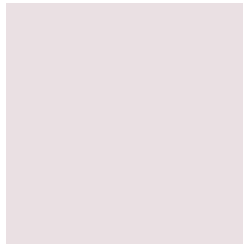
38, 67.781, 21.045



7, 27.799, 9.381

Previews

White Background



This preview shows how the CIELCh color 90, 3.930, 356.220 looks on a white background.

Color Contrast Check

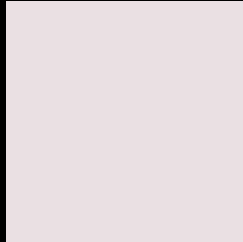
Large Text (above 18pt) WCAG AA × Fail

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 90, 3.930, 356.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

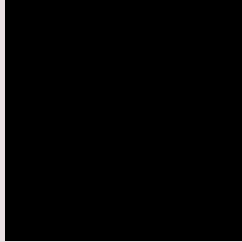
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

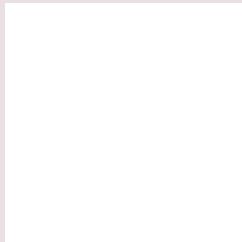
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.930, 356.220

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.930, 356.220.

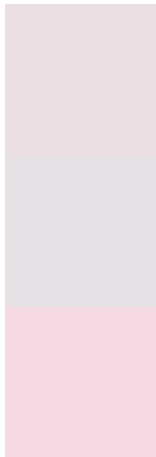


This preview shows how white text looks on a background with the CIELCh color 90, 3.930, 356.220.

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
90, 3.930, 356.220

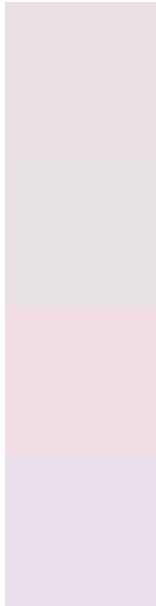
Protanopia
90, 2.391, 338.622

Deuteranopia
90, 11.169, 355.539



Tritanopia
90, 10.177, 319.807

Trichromacy



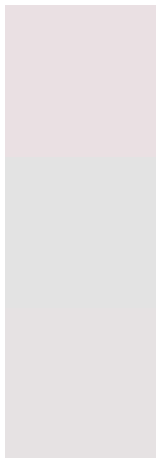
Original Color
90, 3.930, 356.220

Protanomaly
90, 2.671, 343.694

Deuteranomaly
90, 8.419, 354.448

Tritanomaly
90, 7.593, 324.684

Monochromacy



Original Color
90, 3.930, 356.220

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.532, 359.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.930, 356.220 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, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 227)  
}
```

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, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.930, 356.220 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, 224, 227) }
```

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

```
.border{ border-color:rgb(234, 224, 227) }
```

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

Here you see how a box with a 4 pixel rgb(234, 224, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.930, 356.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 227) }
```

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

```
.background{ background-color: rgb(234,  
224, 227) }
```

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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