

Converting Colors

CIELCh(92, 3.401, 68.275)

Have a look what the booklet for
CIELCh(92, 3.401, 68.275) contains.

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Color

CIELCh(92, 3.345, 69.671)

Conversions

Conversions Part 1

Format	Color
Hex	EDE7E2
RGB	237, 231, 226
RGB Percent	93%, 91%, 89%
CMY	0.0703, 0.0938, 0.1134
CMYK	0.00, 0.03, 0.05, 0.07
HSL	27°, 23%, 91%
HSV	27°, 5%, 93%
XYZ	77.2830, 80.7044, 83.5071
YIQ	232.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

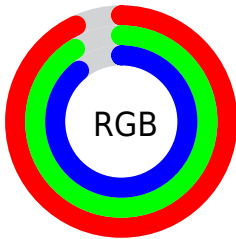
Format	Color
R _Y B	237, 235, 226
Decimal	15591394
CIE Lab	92.00, 1.16, 3.14
CIE LCh	92, 3.345, 69.671
Yxy	80.7044, 0.3200, 0.3342
Android (android.graphics.Color)	4293781474 (0xFFE7E2)
YUV	232.2240, -3.0684, 4.1886
Hunter-Lab	89.8356, -3.6539, 7.7717

Details

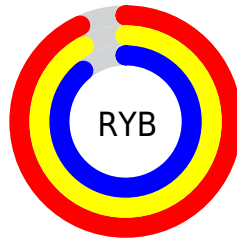
The CIELCh color **92, 3.345, 69.671** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 3.311, 251.074**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.133, 63.210** is the 20% darker color. If you saturate the color by 10%, you get **88, 10.854, 68.649**, and if you desaturate by 10%, it is **96, 3.784, 251.119**.

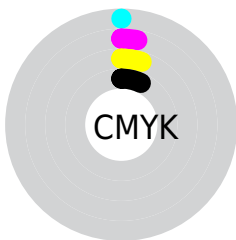
Distribution



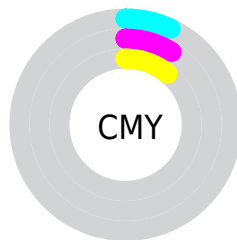
- Red (93%)
- Green (91%)
- Blue (89%)



- Red (93%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.345, 69.671 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 92, 3.345, 69.671 by changing the saturation by 10% instead.

92, 3.345, 69.671

92, 3.345, 69.671

100, 3.345, 69.671

82, 3.345, 69.671

72, 3.345, 69.671

62, 3.345, 69.671

52, 3.345, 69.671

42, 3.345, 69.671

32, 3.345, 69.671

22, 3.345, 69.671

12, 3.345, 69.671

2, 3.345, 69.671

92, 3.345, 69.671

92, 3.345, 69.671

88, 10.854, 68.649

96, 3.784, 251.119

85, 18.781, 67.501

99, 6.152, 199.123

81, 27.154, 66.348

77, 35.981, 65.202

74, 45.221, 64.061

71, 54.739, 62.895

67, 64.208, 61.622

65, 72.947, 60.049

62, 79.806, 57.814

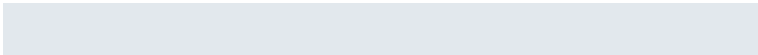
Harmonies

Complementary

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



92, 3.345, 69.671



92, 3.311, 251.074

Rectangle

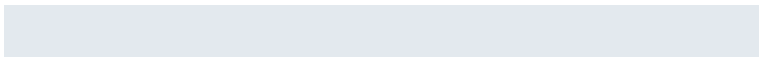
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



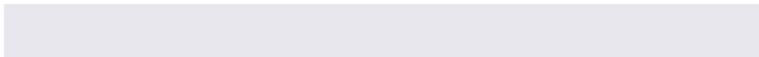
92, 3.345, 69.671



92, 3.345, 119.671



92, 3.345, 249.671



92, 3.345, 299.671

Sweetspot

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



92, 3.346, 69.715



100, 0.751, 69.626



91, 5.054, 341.330



53, 0.427, 69.598



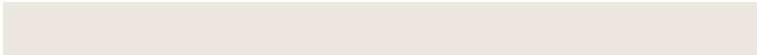
0, 0.000, 0.000



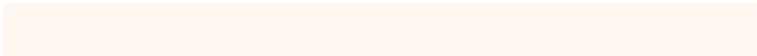
53, 0.007, 296.813

Same Dimension

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



92, 3.346, 69.715



98, 4.608, 69.587



93, 5.366, 107.623



48, 2.859, 69.527



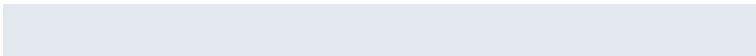
47, 67.242, 57.092



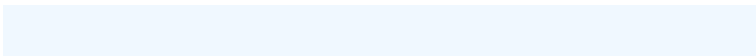
12, 22.251, 56.141

Inverse Universe

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



92, 3.311, 251.074



97, 4.534, 251.217



90, 5.435, 288.600



48, 2.807, 251.284



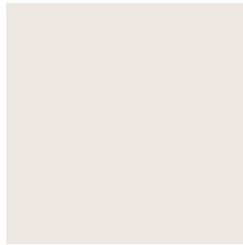
42, 50.898, 279.201



10, 19.041, 270.637

Previews

White Background



This preview shows how the CIELCh color 92, 3.345, 69.671 looks on a white background.

Color Contrast Check

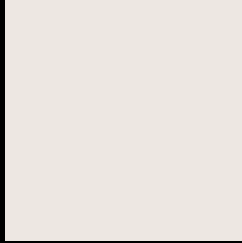
Large Text (above 18pt) WCAG AA × Fail

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 92, 3.345, 69.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

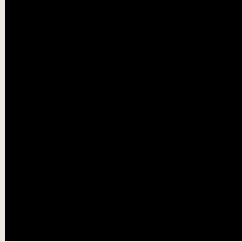
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

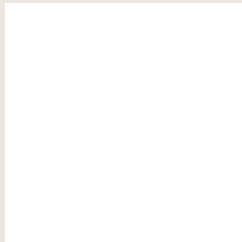
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.345, 69.671

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.345, 69.671.

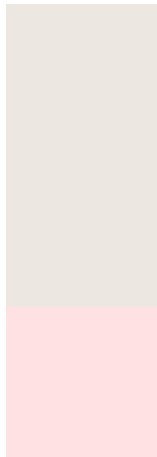


This preview shows how white text looks on a background with the CIELCh color 92, 3.345, 69.671.

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

92, 3.345, 69.671

Protanopia

92, 3.345, 69.671

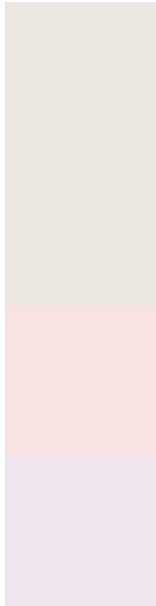
Deuteranopia

92, 11.027, 12.109



Tritanopia
92, 10.272, 314.954

Trichromacy



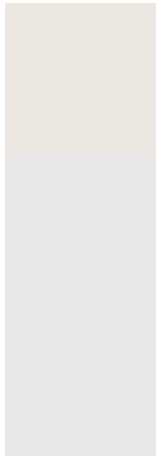
Original Color
92, 3.345, 69.671

Protanomaly
92, 3.345, 69.671

Deuteranomaly
92, 7.619, 19.859

Tritanomaly
92, 6.305, 324.625

Monochromacy



Original Color
92, 3.345, 69.671

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.240, 74.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.345, 69.671 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, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 226)  
}
```

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, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.345, 69.671 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, 231, 226) }
```

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

```
.border{ border-color:rgb(237, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 231, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 231, 226); box-shadow:4px 4px 4px 4px rgb(237, 231, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.345, 69.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 226) }
```

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

```
.background{ background-color: rgb(237,  
231, 226) }
```

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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