

Converting Colors

CIELCh(92, 3.727, 87.721)

Have a look what the booklet for
CIELCh(92, 3.727, 87.721) contains.

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Color

CIELCh(92, 3.867, 87.966)

Conversions

Conversions Part 1

Format	Color
Hex	ECE8E1
RGB	236, 232, 225
RGB Percent	93%, 91%, 88%
CMY	0.0759, 0.0916, 0.1190
CMYK	0.00, 0.02, 0.05, 0.08
HSL	38°, 22%, 90%
HSV	38°, 5%, 92%
XYZ	76.7750, 80.7044, 82.5149
YIQ	232.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

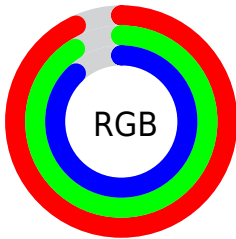
Format	Color
RYB	231, 236, 225
Decimal	15526113
CIELab	92.00, 0.14, 3.86
CIELCh	92, 3.867, 87.966
Yxy	80.7044, 0.3199, 0.3363
Android (android.graphics.Color)	4293716193 (0xFFECE8E1)
YUV	232.3980, -3.6472, 3.1590
Hunter-Lab	89.8356, -4.6634, 8.4265

Details

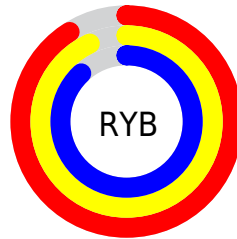
The CIELCh color **92, 3.867, 87.966** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 3.876, 269.332**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.578, 84.655** is the 20% darker color. If you saturate the color by 10%, you get **89, 12.334, 86.767**, and if you desaturate by 10%, it is **95, 4.388, 269.381**.

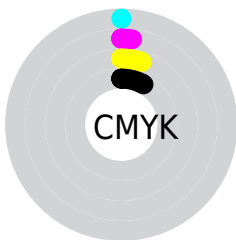
Distribution



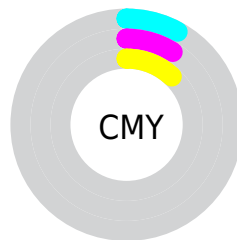
- Red (93%)
- Green (91%)
- Blue (88%)



- Red (91%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.867, 87.966 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, 3.867, 87.966 by changing the saturation by 10% instead.

92, 3.867, 87.966

92, 3.867, 87.966

100, 3.867, 87.966

82, 3.867, 87.966

72, 3.867, 87.966

62, 3.867, 87.966

52, 3.867, 87.966

42, 3.867, 87.966

32, 3.867, 87.966

22, 3.867, 87.966

12, 3.867, 87.966

2, 3.867, 87.966

92, 3.867, 87.966

92, 3.867, 87.966

89, 12.334, 86.767

95, 4.388, 269.381

87, 21.012, 85.450

97, 5.461, 235.000

84, 29.886, 84.086

99, 6.633, 199.085

82, 38.904, 82.681

79, 47.950, 81.227

77, 56.787, 79.700

75, 64.973, 78.040

72, 71.769, 76.122

70, 76.225, 73.740

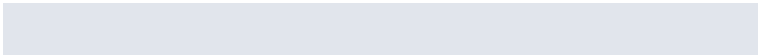
Harmonies

Complementary

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



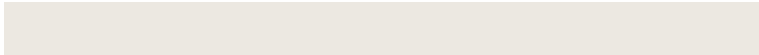
92, 3.867, 87.966



91, 3.876, 269.332

Rectangle

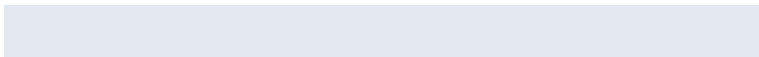
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 3.867, 87.966



92, 3.867, 137.966



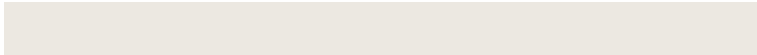
92, 3.867, 267.966



92, 3.867, 317.966

Sweetspot

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



92, 3.868, 87.999



100, 0.872, 88.173



90, 4.483, 351.819



53, 0.495, 88.160



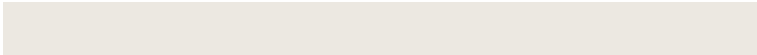
0, 0.000, 0.000



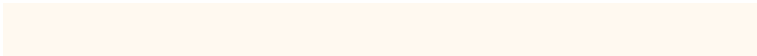
53, 0.007, 296.813

Same Dimension

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



92, 3.868, 87.999



98, 5.315, 87.844



93, 5.680, 115.052



48, 3.295, 87.774



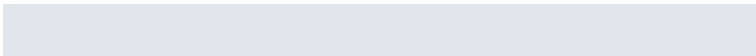
54, 63.804, 72.873



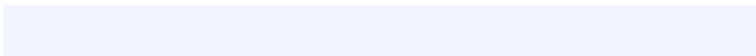
15, 22.973, 75.490

Inverse Universe

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



91, 3.876, 269.332



96, 5.315, 269.498



90, 5.756, 295.777



47, 3.293, 269.574



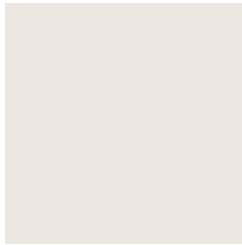
32, 71.916, 294.784



7, 25.797, 287.398

Previews

White Background



This preview shows how the CIELCh color 92, 3.867, 87.966 looks on a white background.

Color Contrast Check

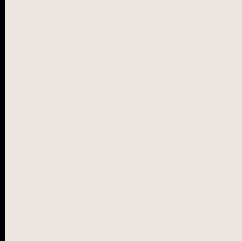
Large Text (above 18pt) WCAG AA × Fail

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, 3.867, 87.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

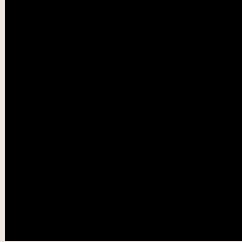
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

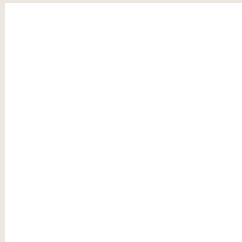
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.867, 87.966

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.867, 87.966.

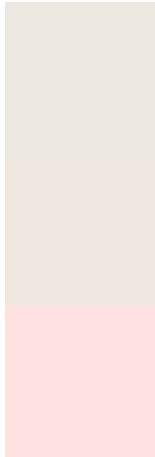


This preview shows how white text looks on a background with the CIELCh color 92, 3.867, 87.966.

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, 3.867, 87.966

Protanopia

92, 4.388, 74.608

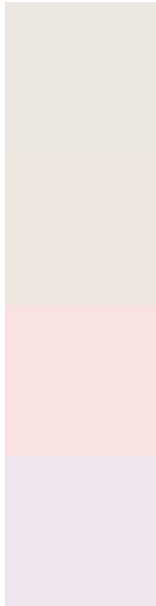
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 10.132, 313.141

Trichromacy



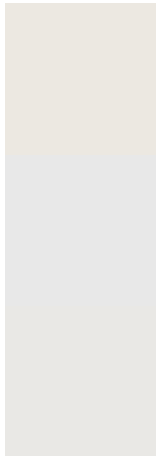
Original Color
92, 3.867, 87.966

Protanomaly
92, 4.190, 78.690

Deuteranomaly
92, 7.646, 23.712

Tritanomaly
92, 5.678, 324.598

Monochromacy



Original Color
92, 3.867, 87.966

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.575, 96.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.867, 87.966 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(236, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 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(236, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.867, 87.966 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(236, 232, 225) }
```

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

```
.border{ border-color:rgb(236, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.867, 87.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 225) }
```

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

```
.background{ background-color: rgb(236,  
232, 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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