

Converting Colors

CIELCh(92, 5.413, 92.853)

Have a look what the booklet for
CIELCh(92, 5.413, 92.853) contains.

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Color

CIELCh(92, 5.337, 93.988)

Conversions

Conversions Part 1

Format	Color
Hex	ECE8DE
RGB	236, 232, 222
RGB Percent	93%, 91%, 87%
CMY	0.0751, 0.0907, 0.1300
CMYK	0.00, 0.02, 0.06, 0.08
HSL	43°, 27%, 90%
HSV	43°, 6%, 92%
XYZ	76.5238, 80.7044, 80.5494
YIQ	232.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

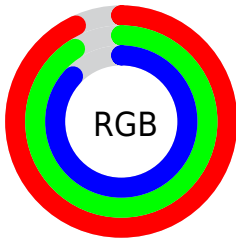
Format	Color
RYB	228, 236, 222
Decimal	15526110
CIELab	92.00, -0.37, 5.32
CIElCh	92, 5.337, 93.988
Yxy	80.7044, 0.3218, 0.3394
Android (android.graphics.Color)	4293716190 (0xFFECE8DE)
YUV	232.0560, -4.9576, 3.4589
Hunter-Lab	89.8356, -5.1625, 9.7237

Details

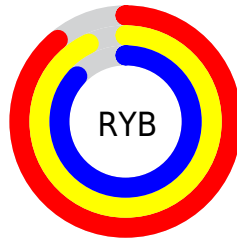
The CIELCh color **92, 5.337, 93.988** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **90, 5.366, 275.551**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.104, 92.211** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.466, 92.797**, and if you desaturate by 10%, it is **94, 3.644, 275.315**.

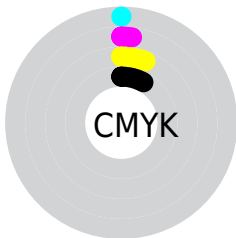
Distribution



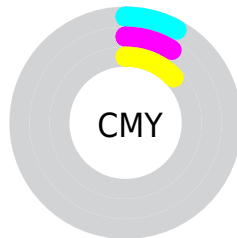
- Red (93%)
- Green (91%)
- Blue (87%)



- Red (89%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.337, 93.988 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, 5.337, 93.988 by changing the saturation by 10% instead.

92, 5.337, 93.988

92, 5.337, 93.988

100, 5.337, 93.988

82, 5.337, 93.988

72, 5.337, 93.988

62, 5.337, 93.988

52, 5.337, 93.988

42, 5.337, 93.988

32, 5.337, 93.988

22, 5.337, 93.988

12, 5.337, 93.988

2, 5.337, 93.988

92, 5.337, 93.988

92, 5.337, 93.988

90, 14.466, 92.797

94, 3.644, 275.315

88, 23.724, 91.521

96, 5.876, 257.062

85, 33.069, 90.202

98, 5.725, 214.437

83, 42.416, 88.847

99, 6.564, 199.091

81, 51.599, 87.451

80, 60.313, 85.998

78, 68.040, 84.446

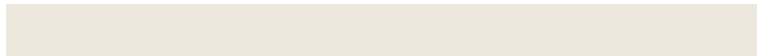
76, 74.007, 82.708

74, 77.381, 80.643

Harmonies

Complementary

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



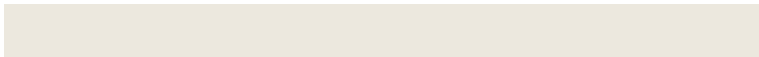
92, 5.337, 93.988



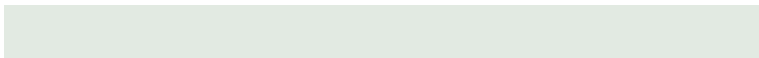
90, 5.366, 275.551

Rectangle

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



92, 5.337, 93.988



92, 5.337, 143.988



92, 5.337, 273.988



92, 5.337, 323.988

Sweetspot

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



92, 5.339, 94.011



100, 1.903, 94.398



90, 5.511, 356.418



53, 1.082, 94.403



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, 5.339, 94.011



98, 6.716, 93.884



93, 7.275, 117.594



48, 4.078, 93.820



58, 64.235, 80.186



16, 24.071, 83.086

Inverse Universe

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



90, 5.366, 275.551



96, 6.748, 275.688



89, 7.382, 298.406



47, 4.097, 275.757



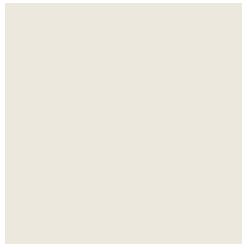
29, 81.179, 299.008



6, 28.420, 291.002

Previews

White Background



This preview shows how the CIELCh color 92, 5.337, 93.988 looks on a white background.

Color Contrast Check

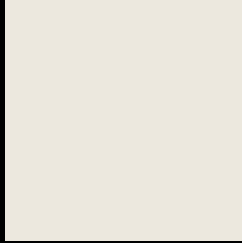
Large Text (above 18pt) WCAG AA × Fail

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 92, 5.337, 93.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

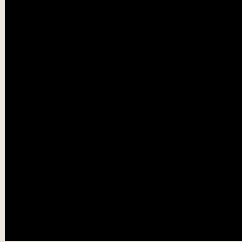
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

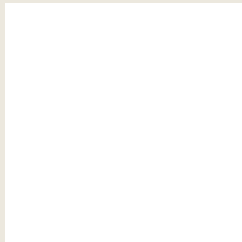
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.337, 93.988

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.337, 93.988.

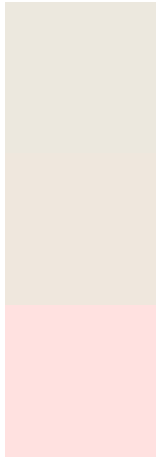


This preview shows how white text looks on a background with the CIELCh color 92, 5.337, 93.988.

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, 5.337, 93.988

Protanopia

92, 5.899, 80.173

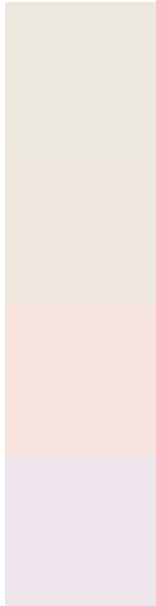
Deuteranopia

92, 11.001, 22.796



Tritanopia
92, 10.132, 313.141

Trichromacy



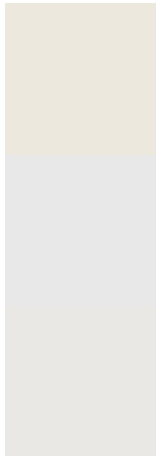
Original Color
92, 5.337, 93.988

Protanomaly
92, 5.729, 83.368

Deuteranomaly
92, 7.935, 34.868

Tritanomaly
92, 5.260, 327.770

Monochromacy



Original Color
92, 5.337, 93.988

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.081, 100.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.337, 93.988 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 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(236, 232, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.337, 93.988 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, 222) }
```

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

```
.border{ border-color:rgb(236, 232, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 222);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.337, 93.988 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, 222) }
```

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

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