

Converting Colors

CIELCh(92, 3.667, 99.047)

Have a look what the booklet for
CIELCh(92, 3.667, 99.047) contains.

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Color

CIELCh(92, 3.667, 98.543)

Conversions

Conversions Part 1

Format	Color
Hex	EAE8E1
RGB	234, 232, 225
RGB Percent	92%, 91%, 88%
CMY	0.0820, 0.0899, 0.1173
CMYK	0.00, 0.01, 0.04, 0.08
HSL	47°, 18%, 90%
HSV	47°, 4%, 92%
XYZ	76.4382, 80.7044, 82.8388
YIQ	231.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

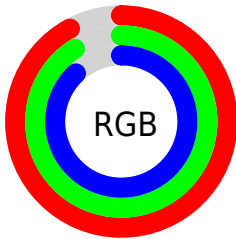
Format	Color
R_{YB}	228, 234, 225
Decimal	15395041
CIE Lab	92.00, -0.54, 3.63
CIE LCh	92, 3.667, 98.543
Yxy	80.7044, 0.3185, 0.3363
Android (android.graphics.Color)	4293585121 (0xFFEAE8E1)
YUV	231.8000, -3.3524, 1.9294
Hunter-Lab	89.8356, -5.3326, 8.2127

Details

The CIELCh color **92, 3.667, 98.543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 3.700, 279.566**, 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, 3.332, 96.663** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.303, 97.436**, and if you desaturate by 10%, it is **94, 5.866, 279.789**.

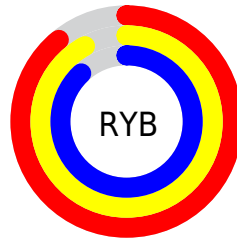
Distribution



Red (92%)

Green (91%)

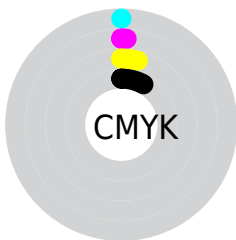
Blue (88%)



Red (89%)

Yellow (92%)

Blue (88%)

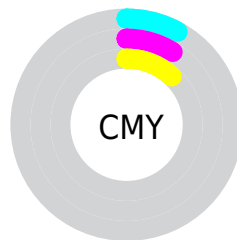


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.667, 98.543 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, 3.667, 98.543 by changing the saturation by 10% instead.

92, 3.667, 98.543

92, 3.667, 98.543

100, 3.667, 98.543

82, 3.667, 98.543

72, 3.667, 98.543

62, 3.667, 98.543

52, 3.667, 98.543

42, 3.667, 98.543

32, 3.667, 98.543

22, 3.667, 98.543

12, 3.667, 98.543

2, 3.667, 98.543

92, 3.667, 98.543

92, 3.667, 98.543

90, 13.303, 97.436

94, 5.866, 279.789

88, 23.012, 96.230

95, 6.995, 266.485

87, 32.745, 94.990

97, 5.917, 238.765

85, 42.405, 93.722

98, 6.494, 208.859

83, 51.821, 92.433

99, 7.159, 199.045

82, 60.692, 91.118

80, 68.526, 89.763

79, 74.614, 88.327

78, 78.189, 86.732

Harmonies

Complementary

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



92, 3.667, 98.543



90, 3.700, 279.566

Rectangle

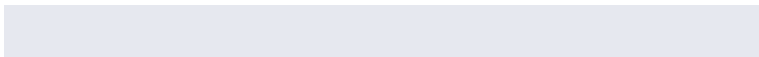
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 3.667, 98.543



92, 3.667, 148.543



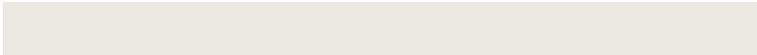
92, 3.667, 278.543



92, 3.667, 328.543

Sweetspot

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



92, 3.669, 98.573



100, 1.013, 98.750



90, 3.422, 0.934



53, 0.575, 98.745



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, 3.669, 98.573



99, 5.120, 98.449



92, 4.719, 120.321



49, 3.264, 98.377



61, 65.484, 85.988



17, 25.254, 88.667

Inverse Universe

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



90, 3.700, 279.566



97, 5.162, 279.697



90, 4.774, 300.769



47, 3.291, 279.773



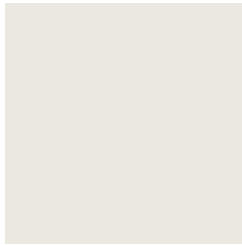
26, 88.191, 301.651



5, 30.254, 293.044

Previews

White Background



This preview shows how the CIELCh color 92, 3.667, 98.543 looks on a white background.

Color Contrast Check

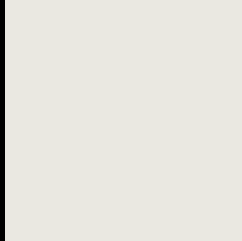
Large Text (above 18pt) WCAG AA × Fail

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, 3.667, 98.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

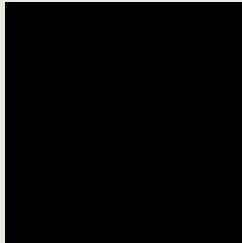
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

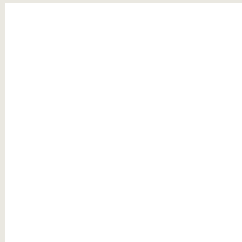
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.667, 98.543

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.667, 98.543.

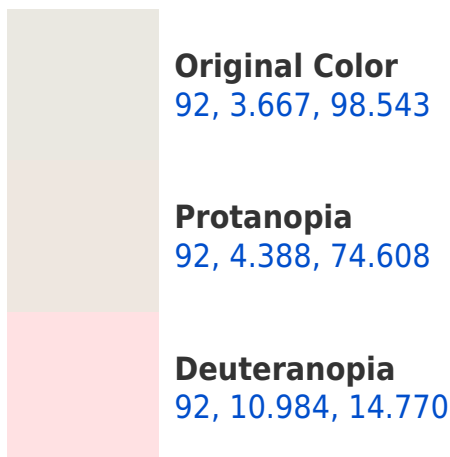


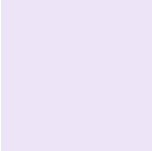
This preview shows how white text looks on a background with the CIELCh color 92, 3.667, 98.543.

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](#).

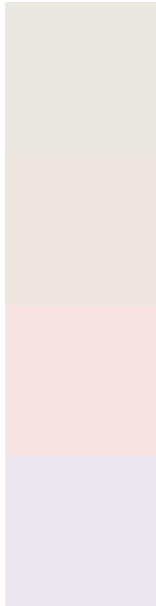
Dichromacy





Tritanopia
92, 9.768, 307.438

Trichromacy



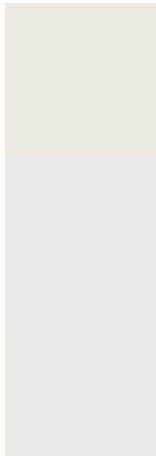
Original Color
92, 3.667, 98.543

Protanomaly
92, 4.190, 78.690

Deuteranomaly
92, 6.971, 28.274

Tritanomaly
92, 5.146, 314.787

Monochromacy



Original Color
92, 3.667, 98.543

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, 3.667, 98.543 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, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.667, 98.543 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, 232, 225) }
```

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

```
.border{ border-color:rgb(234, 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(234, 232, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 232,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.667, 98.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 225) }
```

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

```
.background{ background-color: rgb(234,  
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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