

Converting Colors

CIELCh(92, 2.447, 75.006)

Have a look what the booklet for
CIELCh(92, 2.447, 75.006) contains.

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Color

CIELCh(92, 2.093, 66.760)

Conversions

Conversions Part 1

Format	Color
Hex	EBE7E4
RGB	235, 231, 228
RGB Percent	92%, 91%, 89%
CMY	0.0770, 0.0927, 0.1044
CMYK	0.00, 0.02, 0.03, 0.08
HSL	26°, 15%, 91%
HSV	26°, 3%, 92%
XYZ	77.1161, 80.7044, 85.1787
YIQ	231.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

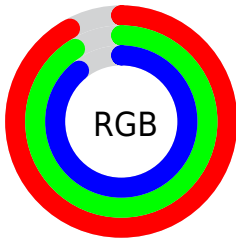
Format	Color
R _Y B	235, 233, 228
Decimal	15460324
CIE Lab	92.00, 0.83, 1.92
CIE LCh	92, 2.093, 66.760
Yxy	80.7044, 0.3174, 0.3321
Android (android.graphics.Color)	4293650404 (0xFFEBE7E4)
YUV	231.8540, -1.9000, 2.7590
Hunter-Lab	89.8356, -3.9856, 6.6684

Details

The CIELCh color **92, 2.093, 66.760** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 2.085, 247.942**, 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, 1.848, 55.193** is the 20% darker color. If you saturate the color by 10%, you get **88, 9.417, 65.906**, and if you desaturate by 10%, it is **96, 4.836, 248.249**.

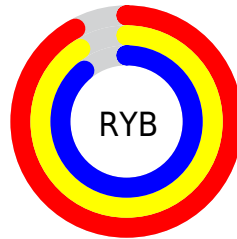
Distribution



Red (92%)

Green (91%)

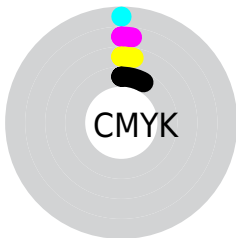
Blue (89%)



Red (92%)

Yellow (91%)

Blue (89%)

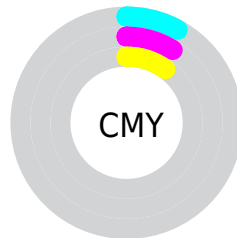


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.093, 66.760 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, 2.093, 66.760 by changing the saturation by 10% instead.

92, 2.093, 66.760

92, 2.093, 66.760

100, 2.093, 66.760

82, 2.093, 66.760

72, 2.093, 66.760

62, 2.093, 66.760

52, 2.093, 66.760

42, 2.093, 66.760

32, 2.093, 66.760

22, 2.093, 66.760

12, 2.093, 66.760

2, 2.093, 66.760

92, 2.093, 66.760

92, 2.093, 66.760

88, 9.417, 65.906

96, 4.836, 248.249

84, 17.178, 64.833

99, 6.727, 199.078

80, 25.412, 63.760

77, 34.137, 62.707

73, 43.331, 61.675

70, 52.889, 60.644

67, 62.544, 59.544

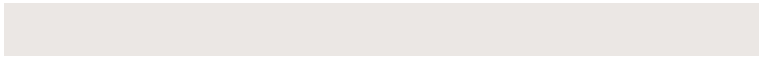
64, 71.702, 58.203

61, 79.272, 56.271

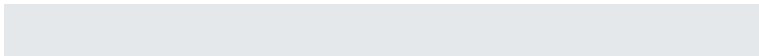
Harmonies

Complementary

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



92, 2.093, 66.760



92, 2.085, 247.942

Rectangle

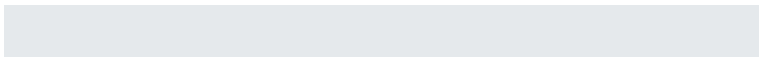
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



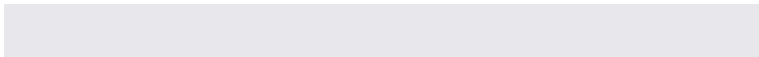
92, 2.093, 66.760



92, 2.093, 116.760



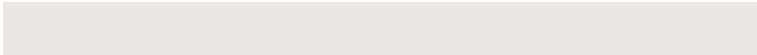
92, 2.093, 246.760



92, 2.093, 296.760

Sweetspot

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



92, 2.093, 66.829



100, 0.742, 66.589



91, 3.294, 339.516



53, 0.422, 66.559



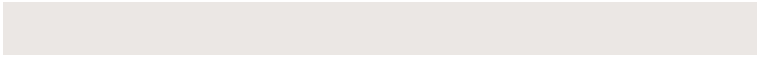
0, 0.000, 0.000



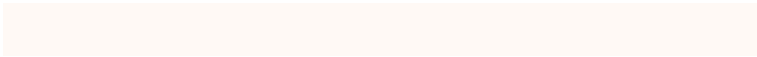
53, 0.007, 296.813

Same Dimension

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



92, 2.093, 66.829



98, 3.015, 66.774



93, 3.300, 106.261



48, 2.006, 66.722



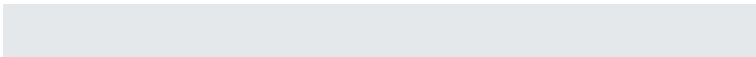
46, 68.117, 55.200



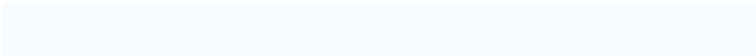
12, 22.364, 53.470

Inverse Universe

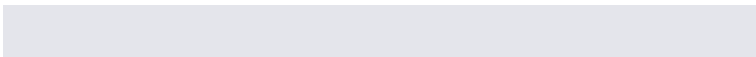
The Inverse Universe completely reimagines the original color for something new.



92, 2.085, 247.942



98, 2.986, 248.005



91, 3.338, 286.942



48, 1.980, 248.064



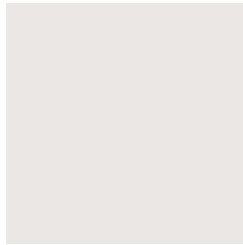
43, 48.285, 276.108



11, 18.235, 267.362

Previews

White Background



This preview shows how the CIELCh color 92, 2.093, 66.760 looks on a white background.

Color Contrast Check

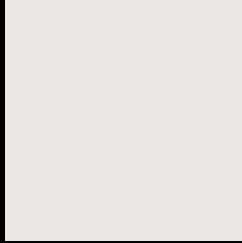
Large Text (above 18pt) WCAG AA × Fail

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, 2.093, 66.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

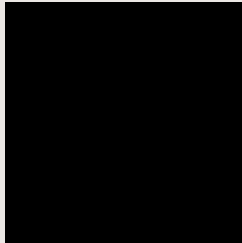
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

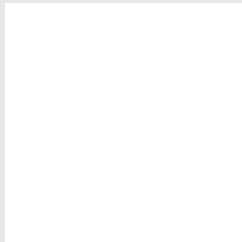
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.093, 66.760

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.093, 66.760.

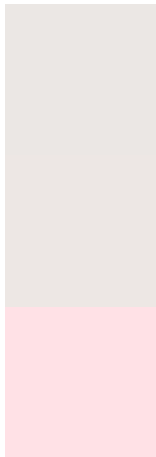


This preview shows how white text looks on a background with the CIELCh color 92, 2.093, 66.760.

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

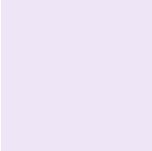
92, 2.093, 66.760

Protanopia

92, 2.636, 55.185

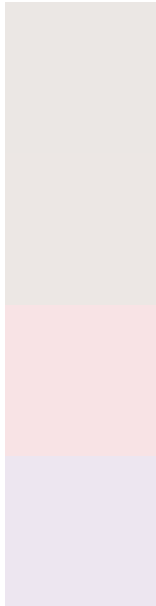
Deuteranopia

92, 11.187, 6.879



Tritanopia
92, 9.876, 309.380

Trichromacy



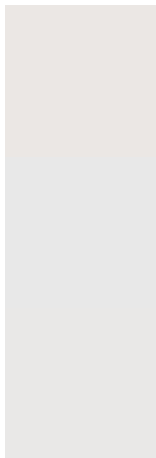
Original Color
92, 2.093, 66.760

Protanomaly
92, 2.352, 60.307

Deuteranomaly
92, 7.669, 12.158

Tritanomaly
92, 5.765, 315.871

Monochromacy



Original Color
92, 2.093, 66.760

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.615, 74.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.093, 66.760 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(235, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 228)  
}
```

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(235, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.093, 66.760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

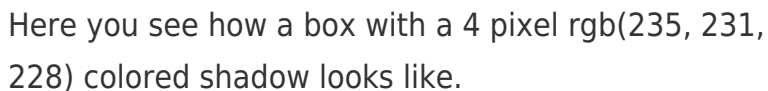
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 231, 228) }
```

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

```
.border{ border-color:rgb(235, 231, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 231, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 231, 228); box-shadow:4px 4px 4px 4px rgb(235, 231, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.093, 66.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 228) }
```

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

```
.background{ background-color: rgb(235,  
231, 228) }
```

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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