

Converting Colors

CIELCh(92, 2.386, 84.621)

Have a look what the booklet for
CIELCh(92, 2.386, 84.621) contains.

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Color

CIELCh(92, 2.777, 87.113)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8E3
RGB	235, 232, 227
RGB Percent	92%, 91%, 89%
CMY	0.0795, 0.0913, 0.1109
CMYK	0.00, 0.01, 0.03, 0.08
HSL	38°, 16%, 90%
HSV	38°, 3%, 92%
XYZ	76.7763, 80.7044, 84.0051
YIQ	232.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

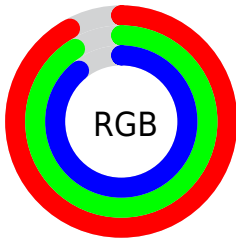
Format	Color
RYB	232, 235, 227
Decimal	15460579
CIELab	92.00, 0.14, 2.77
CIELCh	92, 2.777, 87.113
Yxy	80.7044, 0.3179, 0.3342
Android (android.graphics.Color)	4293650659 (0xFFEBE8E3)
YUV	232.3270, -2.6262, 2.3442
Hunter-Lab	89.8356, -4.6608, 7.4430

Details

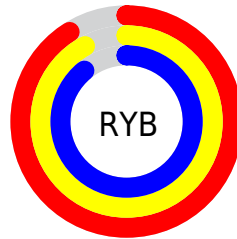
The CIELCh color **92, 2.777, 87.113** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 2.790, 268.236**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.435, 82.137** is the 20% darker color. If you saturate the color by 10%, you get **89, 11.107, 85.959**, and if you desaturate by 10%, it is **95, 5.332, 268.561**.

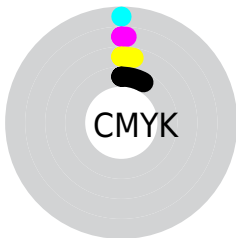
Distribution



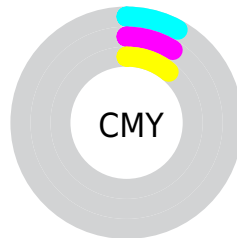
- Red (92%)
- Green (91%)
- Blue (89%)



- Red (91%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.777, 87.113 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, 2.777, 87.113 by changing the saturation by 10% instead.



92, 2.777, 87.113

92, 2.777, 87.113

89, 11.107, 85.959

95, 5.332, 268.561

87, 19.658, 84.645

97, 5.730, 229.798

84, 28.423, 83.285

99, 6.943, 199.061

81, 37.360, 81.884

79, 46.367, 80.436

76, 55.236, 78.918

74, 63.564, 77.274

72, 70.659, 75.385

70, 75.569, 73.044

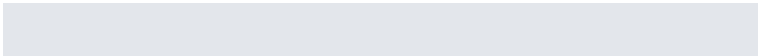
Harmonies

Complementary

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



92, 2.777, 87.113



91, 2.790, 268.236

Rectangle

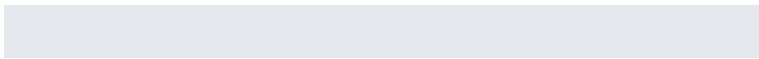
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 2.777, 87.113



92, 2.777, 137.113



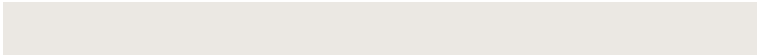
92, 2.777, 267.113



92, 2.777, 317.113

Sweetspot

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



92, 2.778, 87.159



100, 0.862, 87.193



91, 3.291, 350.603



53, 0.490, 87.179



0, 0.000, 0.000



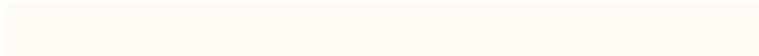
53, 0.007, 296.813

Same Dimension

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



92, 2.778, 87.159



99, 3.492, 87.098



93, 4.128, 114.488



49, 2.321, 87.022



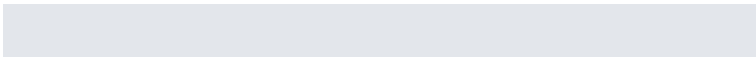
54, 63.843, 71.821



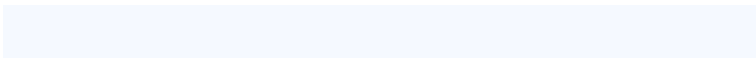
15, 22.850, 74.337

Inverse Universe

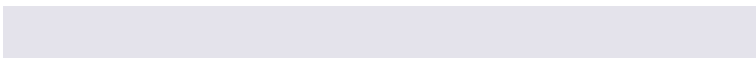
The Inverse Universe completely reimagines the original color for something new.



91, 2.790, 268.236



98, 3.502, 268.300



90, 4.178, 295.037



48, 2.324, 268.381



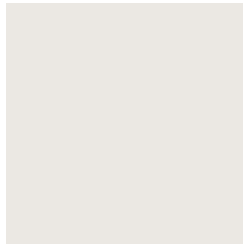
33, 70.558, 294.075



7, 25.385, 286.729

Previews

White Background



This preview shows how the CIELCh color 92, 2.777, 87.113 looks on a white background.

Color Contrast Check

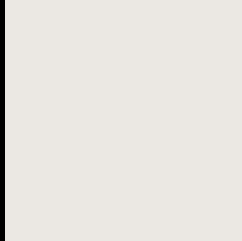
Large Text (above 18pt) WCAG AA × Fail

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, 2.777, 87.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

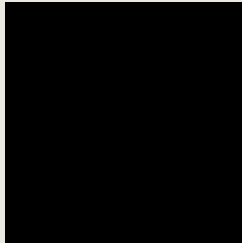
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

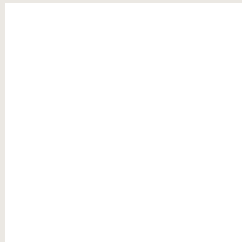
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.777, 87.113

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.777, 87.113.

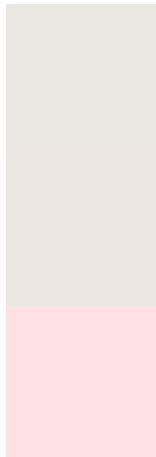


This preview shows how white text looks on a background with the CIELCh color 92, 2.777, 87.113.

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

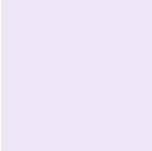
92, 2.777, 87.113

Protanopia

92, 3.345, 69.671

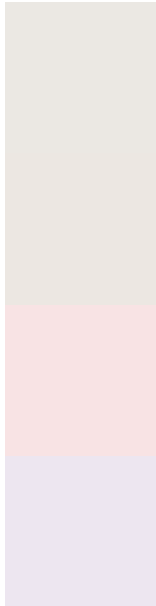
Deuteranopia

92, 11.027, 12.109



Tritanopia
92, 9.876, 309.380

Trichromacy



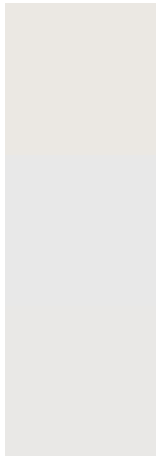
Original Color
92, 2.777, 87.113

Protanomaly
92, 3.125, 74.772

Deuteranomaly
92, 7.626, 15.996

Tritanomaly
92, 5.765, 315.871

Monochromacy



Original Color
92, 2.777, 87.113

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.079, 90.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.777, 87.113 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, 232, 227)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 227)  
}
```

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, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.777, 87.113 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, 232, 227) }
```

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

```
.border{ border-color:rgb(235, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.777, 87.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 227) }
```

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

```
.background{ background-color: rgb(235,  
232, 227) }
```

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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