

Converting Colors

CIELCh(92, 5.982, 90.219)

Have a look what the booklet for
CIELCh(92, 5.982, 90.219) contains.

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Color

CIELCh(92, 5.934, 91.883)

Conversions

Conversions Part 1

Format	Color
Hex	EDE8DD
RGB	237, 232, 221
RGB Percent	93%, 91%, 87%
CMY	0.0718, 0.0913, 0.1345
CMYK	0.00, 0.02, 0.07, 0.07
HSL	41°, 30%, 90%
HSV	41°, 7%, 93%
XYZ	76.6108, 80.7044, 79.7415
YIQ	232.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

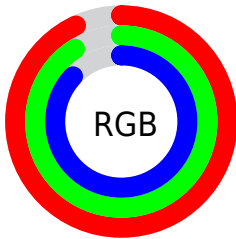
Format	Color
R _Y B	228, 237, 221
Decimal	15591645
CIE Lab	92.00, -0.19, 5.93
CIE LCh	92, 5.934, 91.883
Yxy	80.7044, 0.3232, 0.3404
Android (android.graphics.Color)	4293781725 (0xFFE8DD)
YUV	232.2410, -5.5418, 4.1736
Hunter-Lab	89.8356, -4.9897, 10.2569

Details

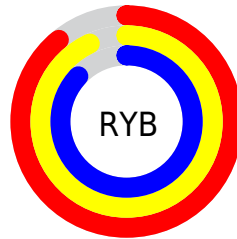
The CIELCh color **92, 5.934, 91.883** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 5.953, 273.678**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.740, 90.073** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.875, 90.664**, and if you desaturate by 10%, it is **94, 2.836, 273.257**.

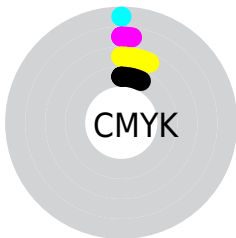
Distribution



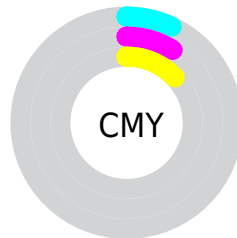
- Red (93%)
- Green (91%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.934, 91.883 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, 5.934, 91.883 by changing the saturation by 10% instead.

92, 5.934, 91.883

92, 5.934, 91.883

100, 5.934, 91.883

82, 5.934, 91.883

72, 5.934, 91.883

62, 5.934, 91.883

52, 5.934, 91.883

42, 5.934, 91.883

32, 5.934, 91.883

22, 5.934, 91.883

12, 5.934, 91.883

2, 5.934, 91.883

92, 5.934, 91.883

92, 5.934, 91.883

90, 14.875, 90.664

94, 2.836, 273.257

87, 23.970, 89.363

97, 5.452, 252.526

85, 33.184, 88.017

98, 5.910, 204.701

83, 42.435, 86.632

99, 6.278, 199.113

81, 51.562, 85.199

79, 60.259, 83.698

77, 67.998, 82.072

75, 73.979, 80.213

73, 77.358, 77.954

Harmonies

Complementary

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



92, 5.934, 91.883



90, 5.953, 273.678

Rectangle

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



92, 5.934, 91.883



92, 5.934, 141.883



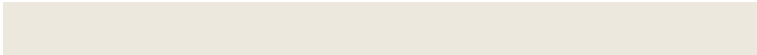
92, 5.934, 271.883



92, 5.934, 321.883

Sweetspot

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



92, 5.935, 91.904



99, 1.850, 92.385



89, 6.359, 355.365



53, 1.051, 92.390



0, 0.000, 0.000



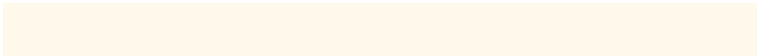
53, 0.007, 296.813

Same Dimension

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



92, 5.935, 91.904



98, 7.476, 91.752



93, 8.293, 116.880



48, 4.969, 91.579



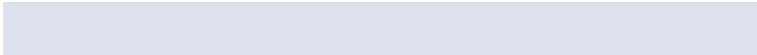
56, 63.947, 77.677



16, 23.645, 80.557

Inverse Universe

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



90, 5.953, 273.678



95, 7.494, 273.844



89, 8.428, 297.840



46, 4.979, 274.036



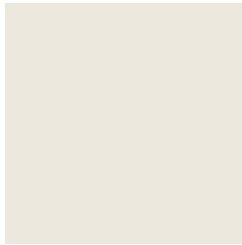
30, 78.041, 297.684



6, 27.565, 289.937

Previews

White Background



This preview shows how the CIELCh color 92, 5.934, 91.883 looks on a white background.

Color Contrast Check

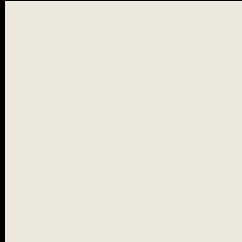
Large Text (above 18pt) WCAG AA × Fail

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, 5.934, 91.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

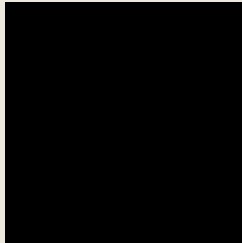
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

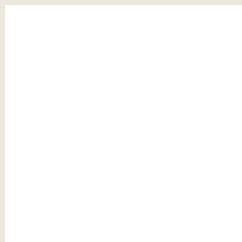
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.934, 91.883

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.934, 91.883.

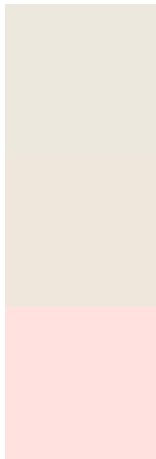


This preview shows how white text looks on a background with the CIELCh color 92, 5.934, 91.883.

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, 5.934, 91.883

Protanopia

92, 6.356, 82.394

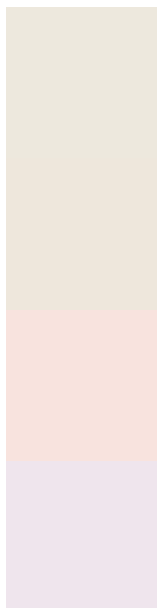
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 10.272, 314.954

Trichromacy



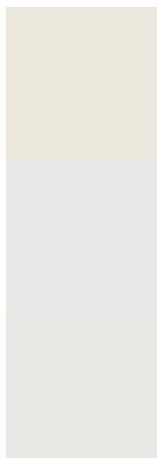
Original Color
92, 5.934, 91.883

Protanomaly
92, 6.198, 85.415

Deuteranomaly
92, 8.096, 38.356

Tritanomaly
92, 5.485, 330.724

Monochromacy



Original Color
92, 5.934, 91.883

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.168, 90.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.934, 91.883 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(237, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 221)  
}
```

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(237, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.934, 91.883 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(237, 232, 221) }
```

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

```
.border{ border-color:rgb(237, 232, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.934, 91.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 221) }
```

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

```
.background{ background-color: rgb(237,  
232, 221) }
```

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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