

Converting Colors

CIELCh(92, 5.990, 62.992)

Have a look what the booklet for
CIELCh(92, 5.990, 62.992) contains.

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Color

CIELCh(92, 5.989, 62.966)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6DE
RGB	242, 230, 222
RGB Percent	95%, 90%, 87%
CMY	0.0512, 0.0982, 0.1296
CMYK	0.00, 0.05, 0.08, 0.05
HSL	24°, 43%, 91%
HSV	24°, 8%, 95%
XYZ	78.0606, 80.7044, 80.5353
YIQ	232.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

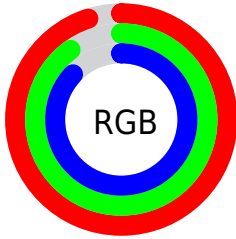
Format	Color
R _Y B	242, 235, 222
Decimal	15918814
CIE Lab	92.00, 2.72, 5.33
CIE LCh	92, 5.989, 62.966
Yxy	80.7044, 0.3262, 0.3373
Android (android.graphics.Color)	4294108894 (0xFFFF2E6DE)
YUV	232.6760, -5.2633, 8.1771
Hunter-Lab	89.8356, -2.1088, 9.7330

Details

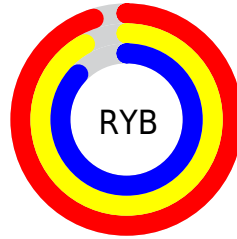
The CIELCh color **92, 5.989, 62.966** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 5.800, 244.925**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.052, 65.270** is the 20% darker color. If you saturate the color by 10%, you get **88, 13.664, 62.025**, and if you desaturate by 10%, it is **96, 1.228, 244.519**.

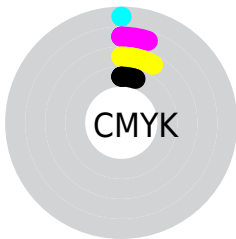
Distribution



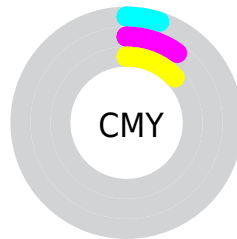
- Red (95%)
- Green (90%)
- Blue (87%)



- Red (95%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.989, 62.966 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, 5.989, 62.966 by changing the saturation by 10% instead.

 92, 5.989, 62.966

 92, 5.989, 62.966

 100, 5.989, 62.966

 82, 5.989, 62.966

 72, 5.989, 62.966

 62, 5.989, 62.966

 52, 5.989, 62.966

 42, 5.989, 62.966

 32, 5.989, 62.966

 22, 5.989, 62.966

 12, 5.989, 62.966

 2, 5.989, 62.966

92, 5.989, 62.966

92, 5.989, 62.966

88, 13.664, 62.025

96, 1.228, 244.519

84, 21.842, 61.046

99, 4.500, 199.267

80, 30.557, 60.096

76, 39.815, 59.186

72, 49.567, 58.312

69, 59.639, 57.433

65, 69.615, 56.433

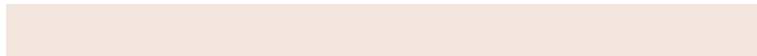
62, 78.624, 55.042

60, 85.401, 52.858

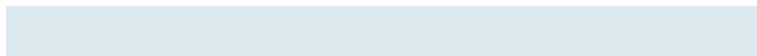
Harmonies

Complementary

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



92, 5.989, 62.966



92, 5.800, 244.925

Rectangle

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



92, 5.989, 62.966



92, 5.989, 112.966



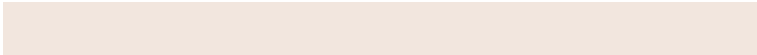
92, 5.989, 242.966



92, 5.989, 292.966

Sweetspot

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



92, 5.989, 62.992



99, 1.479, 63.358



90, 9.513, 339.214



53, 0.840, 63.350



0, 0.000, 0.000



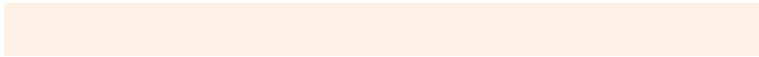
53, 0.007, 296.813

Same Dimension

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



92, 5.989, 62.992



96, 7.604, 62.827



94, 9.237, 104.927



48, 4.102, 62.880



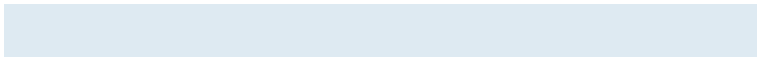
46, 69.913, 53.170



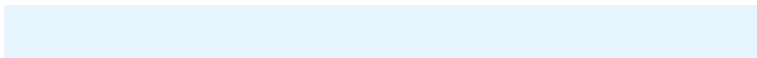
12, 23.798, 51.056

Inverse Universe

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



92, 5.800, 244.925



96, 7.304, 245.125



89, 9.385, 286.730



48, 3.950, 245.061



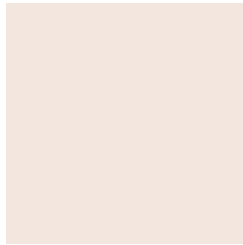
45, 46.040, 272.352



12, 18.036, 263.941

Previews

White Background



This preview shows how the CIELCh color 92, 5.989, 62.966 looks on a white background.

Color Contrast Check

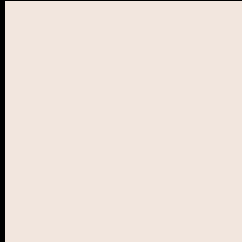
Large Text (above 18pt) WCAG AA × Fail

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, 5.989, 62.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

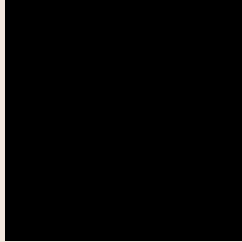
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

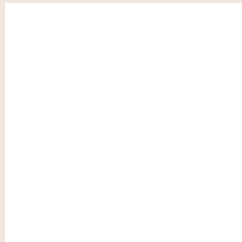
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.989, 62.966

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.989, 62.966.

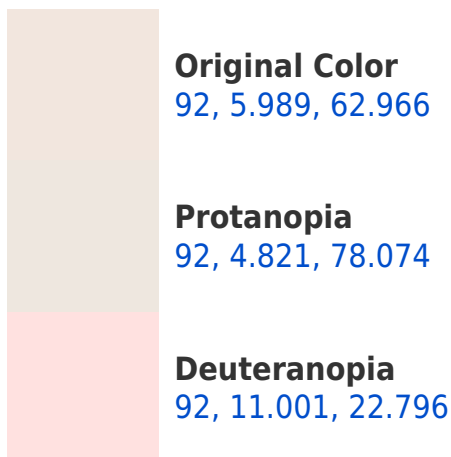


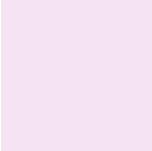
This preview shows how white text looks on a background with the CIELCh color 92, 5.989, 62.966.

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](#).

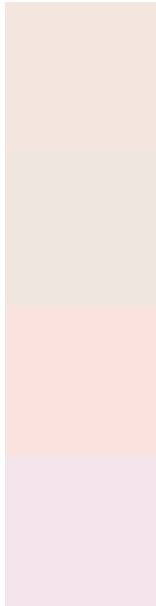
Dichromacy





Tritanopia
92, 10.895, 326.352

Trichromacy



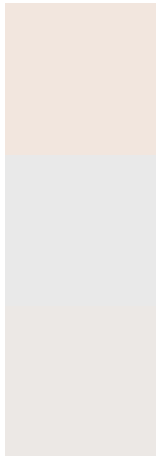
Original Color
92, 5.989, 62.966

Protanomaly
92, 5.021, 74.519

Deuteranomaly
92, 8.656, 33.639

Tritanomaly
92, 7.078, 344.130

Monochromacy



Original Color
92, 5.989, 62.966

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.091, 66.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.989, 62.966 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(242, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 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(242, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.989, 62.966 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(242, 230, 222) }
```

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

```
.border{ border-color:rgb(242, 230, 222) }
```

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

Here you see how a box with a 4 pixel rgb(242, 230, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.989, 62.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 222) }
```

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

```
.background{ background-color: rgb(242,  
230, 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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