

Converting Colors

CIELCh(92, 10.989, 83.698)

Have a look what the booklet for
CIELCh(92, 10.989, 83.698) contains.

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Color

CIELCh(92, 11.211, 85.940)

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D3
RGB	243, 231, 211
RGB Percent	95%, 91%, 83%
CMY	0.0481, 0.0951, 0.1735
CMYK	0.00, 0.05, 0.13, 0.05
HSL	38°, 57%, 89%
HSV	38°, 13%, 95%
XYZ	77.1002, 80.7044, 72.9732
YIQ	232.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

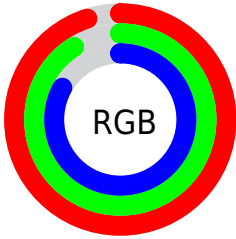
Format	Color
R _Y B	230, 243, 211
Decimal	15984595
CIE Lab	92.00, 0.79, 11.18
CIE LCh	92, 11.211, 85.940
Yxy	80.7044, 0.3341, 0.3497
Android (android.graphics.Color)	4294174675 (0xFFFF3E7D3)
YUV	232.3080, -10.5048, 9.3769
Hunter-Lab	89.8356, -4.0172, 14.7239

Details

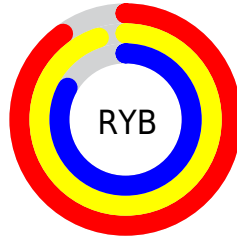
The CIELCh color **92, 11.211, 85.940** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 11.115, 269.508**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 11.337, 84.462** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.993, 84.638**, and if you desaturate by 10%, it is **95, 2.662, 87.147**.

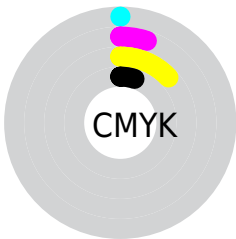
Distribution



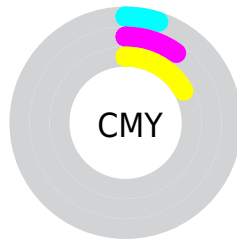
- Red (95%)
- Green (91%)
- Blue (83%)



- Red (90%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.211, 85.940 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, 11.211, 85.940 by changing the saturation by 10% instead.

 92, 11.211, 85.940

 92, 11.211, 85.940

 100, 11.211,
85.940

 82, 11.211, 85.940

 72, 11.211, 85.940

 62, 11.211, 85.940

 52, 11.211, 85.940

 42, 11.211, 85.940

 32, 11.211, 85.940

 22, 11.211, 85.940

 12, 11.211, 85.940

 2, 11.211, 85.940

92, 11.211, 85.940

92, 11.211, 85.940

89, 19.993, 84.638

95, 2.662, 87.147

86, 28.994, 83.276

98, 3.737, 255.484

84, 38.174, 81.873

99, 4.231, 199.294

81, 47.430, 80.423

79, 56.547, 78.903

76, 65.115, 77.258

74, 72.423, 75.368

72, 77.490, 73.025

70, 79.588, 71.135

Harmonies

Complementary

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



92, 11.211, 85.940



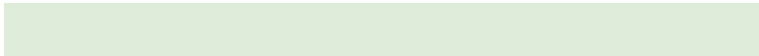
88, 11.115, 269.508

Rectangle

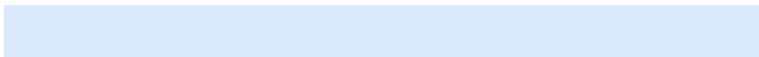
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 11.211, 85.940



92, 11.211, 135.940



92, 11.211, 265.940



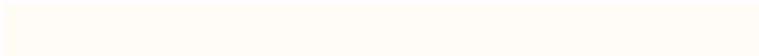
92, 11.211, 315.940

Sweetspot

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



92, 11.212, 85.953



99, 3.491, 87.067



87, 13.284, 351.661



53, 2.485, 86.986



0, 0.000, 0.000



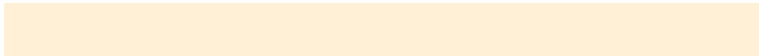
53, 0.007, 296.813

Same Dimension

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



92, 11.212, 85.953



95, 14.223, 85.582



95, 16.406, 113.713



50, 4.842, 86.421



55, 65.180, 71.718



17, 25.277, 74.342

Inverse Universe

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



88, 11.115, 269.508



91, 14.063, 269.950



86, 16.901, 295.901



48, 4.818, 268.972



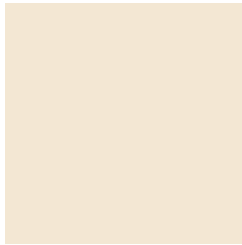
34, 72.137, 294.131



8, 27.576, 287.992

Previews

White Background



This preview shows how the CIELCh color 92, 11.211, 85.940 looks on a white background.

Color Contrast Check

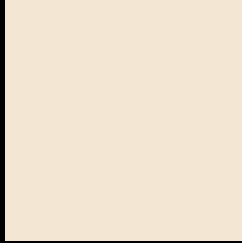
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 11.211, 85.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

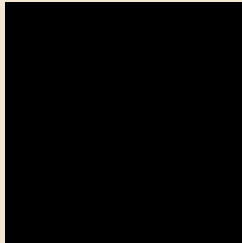
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

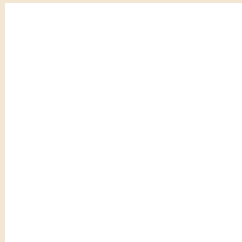
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.211, 85.940

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.211, 85.940.

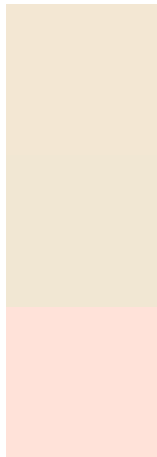


This preview shows how white text looks on a background with the CIELCh color 92, 11.211, 85.940.

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, 11.211, 85.940

Protanopia

92, 10.936, 89.538

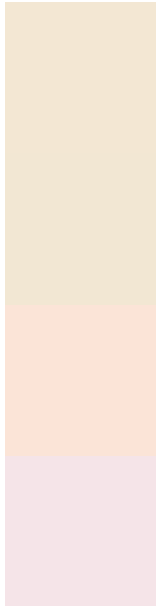
Deuteranopia

92, 11.715, 43.263



Tritanopia
92, 11.953, 329.091

Trichromacy



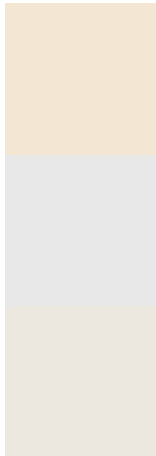
Original Color
92, 11.211, 85.940

Protanomaly
92, 11.068, 87.717

Deuteranomaly
92, 10.849, 57.808

Tritanomaly
92, 6.460, 1.162

Monochromacy



Original Color
92, 11.211, 85.940

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.351, 90.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.211, 85.940 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(243, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 211)  
}
```

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(243, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.211, 85.940 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(243, 231, 211) }
```

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

```
.border{ border-color:rgb(243, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.211, 85.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 211) }
```

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

```
.background{ background-color: rgb(243,  
231, 211) }
```

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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