

Converting Colors

CIELCh(92, 10.392, 83.789)

Have a look what the booklet for
CIELCh(92, 10.392, 83.789) contains.

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Color

CIELCh(92, 10.736, 84.922)

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D4
RGB	243, 231, 212
RGB Percent	95%, 91%, 83%
CMY	0.0483, 0.0954, 0.1699
CMYK	0.00, 0.05, 0.13, 0.05
HSL	37°, 56%, 89%
HSV	37°, 13%, 95%
XYZ	77.1778, 80.7044, 73.5865
YIQ	232.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

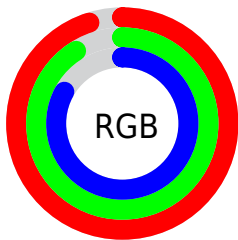
Format	Color
R _Y B	232, 243, 212
Decimal	15984596
CIE Lab	92.00, 0.95, 10.69
CIE LCh	92, 10.736, 84.922
Yxy	80.7044, 0.3334, 0.3487
Android (android.graphics.Color)	4294174676 (0xFFFF3E7D4)
YUV	232.4220, -10.0680, 9.2769
Hunter-Lab	89.8356, -3.8629, 14.3191

Details

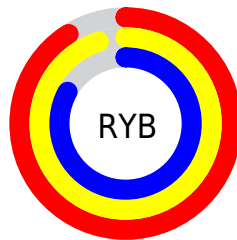
The CIELCh color **92, 10.736, 84.922** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.627, 268.389**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.842, 83.362** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.429, 83.621**, and if you desaturate by 10%, it is **95, 2.289, 86.109**.

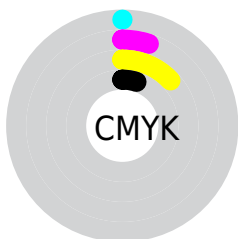
Distribution



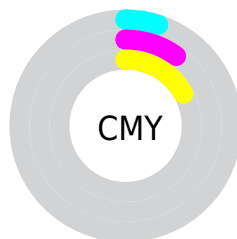
- Red (95%)
- Green (91%)
- Blue (83%)



- Red (91%)
- 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, 10.736, 84.922 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, 10.736, 84.922 by changing the saturation by 10% instead.

92, 10.736, 84.922

92, 10.736, 84.922

100, 10.736,
84.922

82, 10.736, 84.922

72, 10.736, 84.922

62, 10.736, 84.922

52, 10.736, 84.922

42, 10.736, 84.922

32, 10.736, 84.922

22, 10.736, 84.922

12, 10.736, 84.922

2, 10.736, 84.922

92, 10.736, 84.922

92, 10.736, 84.922

89, 19.429, 83.621

95, 2.289, 86.109

86, 28.358, 82.260

98, 3.645, 250.442

84, 37.488, 80.859

99, 4.253, 199.291

81, 46.726, 79.412

78, 55.870, 77.896

76, 64.528, 76.256

74, 72.008, 74.369

71, 77.325, 72.021

70, 79.684, 69.990

Harmonies

Complementary

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



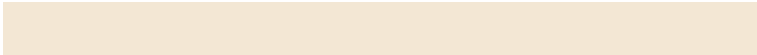
92, 10.736, 84.922



89, 10.627, 268.389

Rectangle

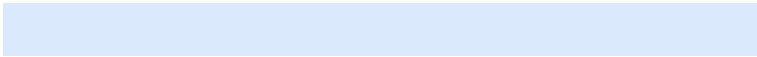
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 10.736, 84.922



92, 10.736, 134.922



92, 10.736, 264.922



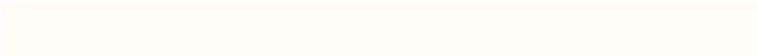
92, 10.736, 314.922

Sweetspot

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



92, 10.737, 84.936



99, 3.451, 85.996



88, 12.985, 350.568



53, 2.456, 85.916



0, 0.000, 0.000



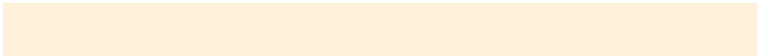
53, 0.007, 296.813

Same Dimension

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



92, 10.737, 84.936



95, 13.173, 84.642



95, 15.877, 113.064



50, 4.788, 85.351



55, 65.255, 70.588



16, 25.158, 73.124

Inverse Universe

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



89, 10.627, 268.389



91, 13.005, 268.736



86, 16.344, 295.246



48, 4.757, 267.913



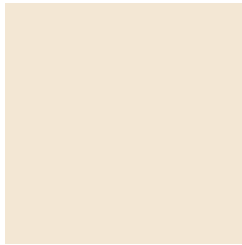
34, 70.640, 293.336



8, 27.020, 287.082

Previews

White Background



This preview shows how the CIELCh color 92, 10.736, 84.922 looks on a white background.

Color Contrast Check

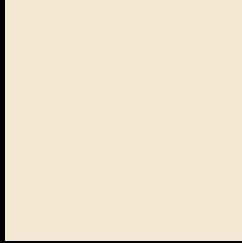
Large Text (above 18pt) WCAG AA × Fail

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, 10.736, 84.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

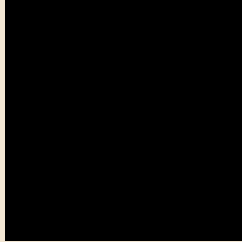
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

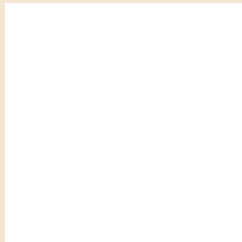
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.736, 84.922

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.736, 84.922.

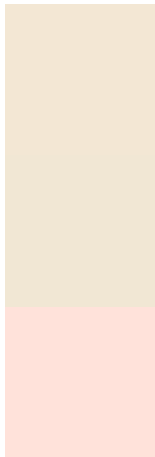


This preview shows how white text looks on a background with the CIELCh color 92, 10.736, 84.922.

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, 10.736, 84.922

Protanopia

92, 10.450, 88.651

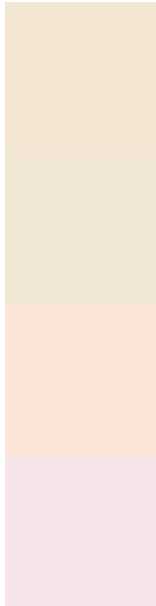
Deuteranopia

92, 11.502, 40.963



Tritanopia
92, 11.953, 329.091

Trichromacy



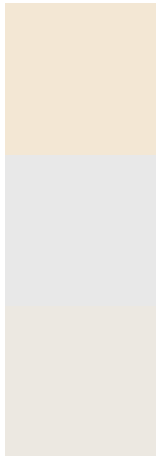
Original Color
92, 10.736, 84.922

Protanomaly
92, 10.587, 86.762

Deuteranomaly
92, 10.526, 55.677

Tritanomaly
92, 6.460, 1.162

Monochromacy



Original Color
92, 10.736, 84.922

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.867, 87.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.736, 84.922 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.736, 84.922 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, 212) }
```

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

```
.border{ border-color:rgb(243, 231, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.736, 84.922 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, 212) }
```

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

```
.background{ background-color: rgb(243,  
231, 212) }
```

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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