

Converting Colors

CIE LCh(92, 10.123, 83.356)

Have a look what the booklet for
CIELCh(92, 10.123, 83.356) contains.

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Color

CIELCh(92, 10.266, 83.807)

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D5
RGB	243, 231, 213
RGB Percent	95%, 91%, 84%
CMY	0.0486, 0.0956, 0.1662
CMYK	0.00, 0.05, 0.12, 0.05
HSL	36°, 55%, 89%
HSV	36°, 12%, 95%
XYZ	77.2559, 80.7044, 74.2017
YIQ	232.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

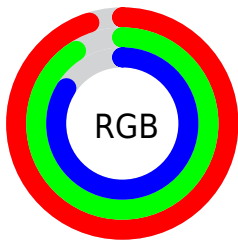
Format	Color
RYB	233, 243, 213
Decimal	15984597
CIELab	92.00, 1.11, 10.21
CIELCh	92, 10.266, 83.807
Yxy	80.7044, 0.3328, 0.3476
Android (android.graphics.Color)	4294174677 (0xFFFF3E7D5)
YUV	232.5360, -9.6312, 9.1769
Hunter-Lab	89.8356, -3.7078, 13.9131

Details

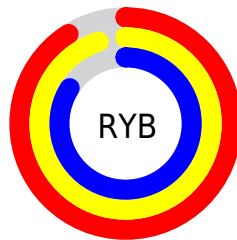
The CIELCh color **92, 10.266, 83.807** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.145, 267.171**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.351, 82.153** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.867, 82.510**, and if you desaturate by 10%, it is **95, 1.924, 84.965**.

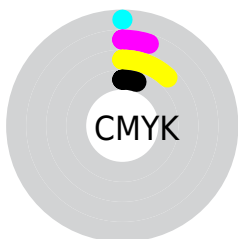
Distribution



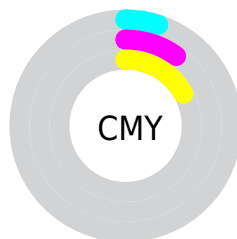
- Red (95%)
- Green (91%)
- Blue (84%)



- Red (91%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.266, 83.807 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, 10.266, 83.807 by changing the saturation by 10% instead.

 92, 10.266, 83.807

 92, 10.266, 83.807

 100, 10.266,
83.807

 82, 10.266, 83.807

 72, 10.266, 83.807

 62, 10.266, 83.807

 52, 10.266, 83.807

 42, 10.266, 83.807

 32, 10.266, 83.807

 22, 10.266, 83.807

 12, 10.266, 83.807

 2, 10.266, 83.807

92, 10.266, 83.807

92, 10.266, 83.807

89, 18.867, 82.510

95, 1.924, 84.965

86, 27.721, 81.151

98, 3.578, 244.816

83, 36.801, 79.754

99, 4.275, 199.289

81, 46.020, 78.312

78, 55.193, 76.805

75, 63.944, 75.173

73, 71.602, 73.295

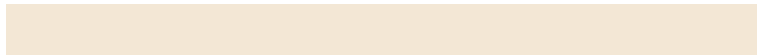
71, 77.179, 70.949

69, 79.828, 68.779

Harmonies

Complementary

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



92, 10.266, 83.807



89, 10.145, 267.171

Rectangle

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



92, 10.266, 83.807



92, 10.266, 133.807



92, 10.266, 263.807



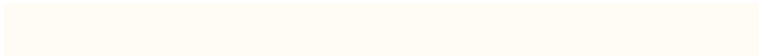
92, 10.266, 313.807

Sweetspot

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



92, 10.267, 83.821



99, 3.409, 84.828



88, 12.559, 350.526



52, 2.427, 84.748



0, 0.000, 0.000



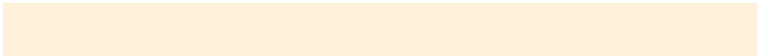
53, 0.007, 296.813

Same Dimension

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



92, 10.267, 83.821



95, 13.027, 83.476



95, 15.366, 113.098



50, 4.733, 84.185



54, 65.367, 69.391



16, 25.044, 71.815

Inverse Universe

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



89, 10.145, 267.171



92, 12.827, 267.580



86, 15.805, 295.206



48, 4.695, 266.755



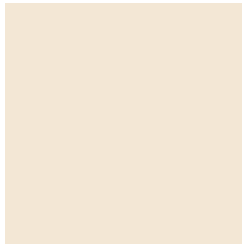
35, 69.046, 292.452



9, 26.434, 286.076

Previews

White Background



This preview shows how the CIELCh color 92, 10.266, 83.807 looks on a white background.

Color Contrast Check

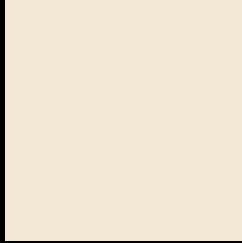
Large Text (above 18pt) WCAG AA × Fail

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, 10.266, 83.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

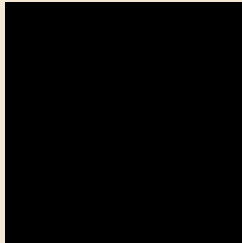
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

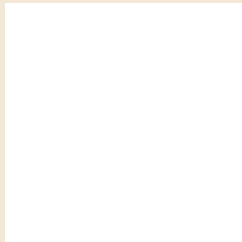
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.266, 83.807

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.266, 83.807.

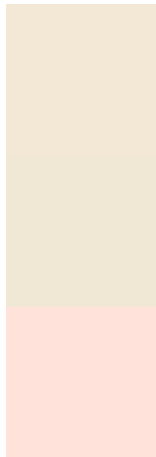


This preview shows how white text looks on a background with the CIELCh color 92, 10.266, 83.807.

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, 10.266, 83.807

Protanopia

92, 9.967, 87.675

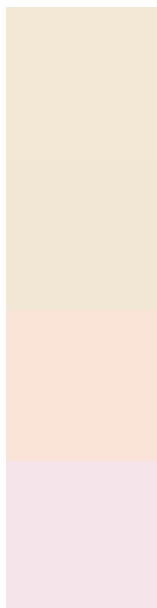
Deuteranopia

92, 11.502, 40.963



Tritanopia
92, 11.953, 329.091

Trichromacy



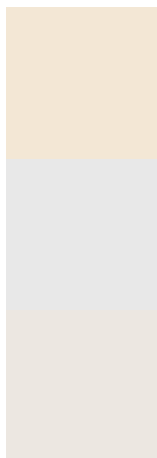
Original Color
92, 10.266, 83.807

Protanomaly
92, 10.110, 85.713

Deuteranomaly
92, 10.222, 56.901

Tritanomaly
92, 6.639, 356.941

Monochromacy



Original Color
92, 10.266, 83.807

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.562, 79.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.266, 83.807 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.266, 83.807 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, 213) }
```

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

```
.border{ border-color:rgb(243, 231, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.266, 83.807 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, 213) }
```

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

```
.background{ background-color: rgb(243,  
231, 213) }
```

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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