

Converting Colors

CIELCh(92, 12.312, 86.099)

Have a look what the booklet for
CIELCh(92, 12.312, 86.099) contains.

CIELCh(92, 12.312, 86.099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 12.312, 86.099)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7D1
RGB	244, 231, 209
RGB Percent	96%, 91%, 82%
CMY	0.0446, 0.0955, 0.1818
CMYK	0.00, 0.05, 0.14, 0.04
HSL	38°, 61%, 89%
HSV	38°, 14%, 96%
XYZ	77.1219, 80.7044, 71.6052
YIQ	232.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

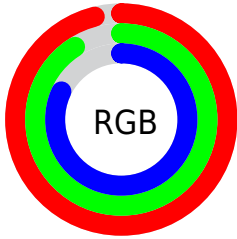
Format	Color
RYB	230, 244, 209
Decimal	16050129
CIELab	92.00, 0.84, 12.28
CIElCh	92, 12.312, 86.099
Yxy	80.7044, 0.3361, 0.3518
Android (android.graphics.Color)	4294240209 (0xFFFF4E7D1)
YUV	232.3790, -11.5258, 10.1916
Hunter-Lab	89.8356, -3.9740, 15.6268

Details

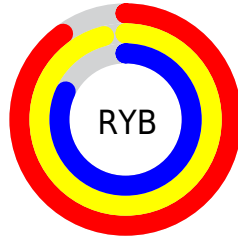
The CIELCh color **92, 12.312, 86.099** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 12.201, 269.994**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.003, 83.719** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.170, 84.790**, and if you desaturate by 10%, it is **95, 3.683, 87.340**.

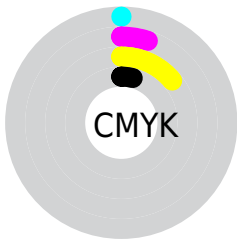
Distribution



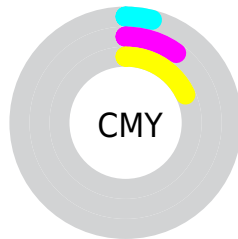
- Red (96%)
- Green (91%)
- Blue (82%)



- Red (90%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 12.312, 86.099 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, 12.312, 86.099 by changing the saturation by 10% instead.

 92, 12.312, 86.099

 92, 12.312, 86.099

 100, 12.312,
86.099

 82, 12.312, 86.099

 72, 12.312, 86.099

 62, 12.312, 86.099

 52, 12.312, 86.099

 42, 12.312, 86.099

 32, 12.312, 86.099

 22, 12.312, 86.099

 12, 12.312, 86.099

 2, 12.312, 86.099

92, 12.312, 86.099

92, 12.312, 86.099

89, 21.170, 84.790

95, 3.683, 87.340

87, 30.241, 83.423

98, 3.631, 261.428

84, 39.476, 82.015

99, 3.924, 199.325

81, 48.762, 80.558

79, 57.861, 79.028

77, 66.329, 77.363

74, 73.413, 75.435

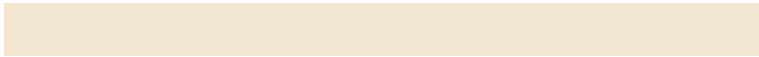
72, 78.121, 73.031

71, 79.785, 71.467

Harmonies

Complementary

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



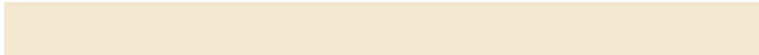
92, 12.312, 86.099



88, 12.201, 269.994

Rectangle

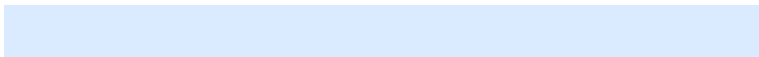
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 12.312, 86.099



92, 12.312, 136.099



92, 12.312, 266.099



92, 12.312, 316.099

Sweetspot

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



92, 12.313, 86.111



99, 3.503, 87.377



87, 14.545, 351.786



53, 2.493, 87.296



0, 0.000, 0.000



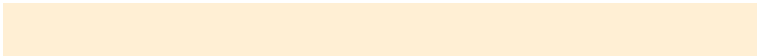
53, 0.007, 296.813

Same Dimension

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



92, 12.313, 86.111



95, 15.181, 85.762



95, 17.924, 113.618



50, 4.858, 86.731



55, 65.164, 72.052



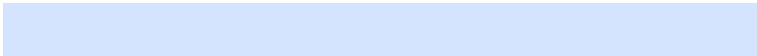
17, 25.314, 74.698

Inverse Universe

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



88, 12.201, 269.994



90, 15.008, 270.415



85, 18.513, 296.015



48, 4.836, 269.278



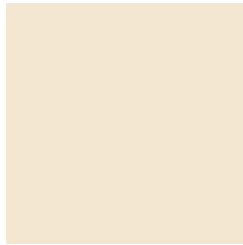
34, 72.578, 294.359



8, 27.740, 288.252

Previews

White Background



This preview shows how the CIELCh color 92, 12.312, 86.099 looks on a white background.

Color Contrast Check

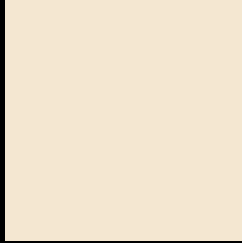
Large Text (above 18pt) WCAG AA × Fail

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, 12.312, 86.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

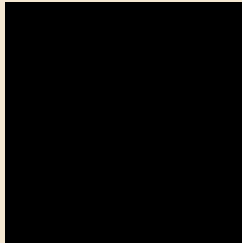
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 12.312, 86.099

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.312, 86.099.

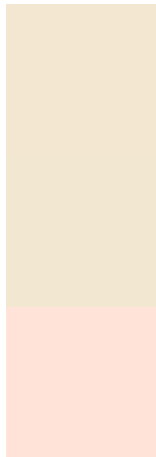


This preview shows how white text looks on a background with the CIELCh color 92, 12.312, 86.099.

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, 12.312, 86.099

Protanopia

92, 12.037, 89.386

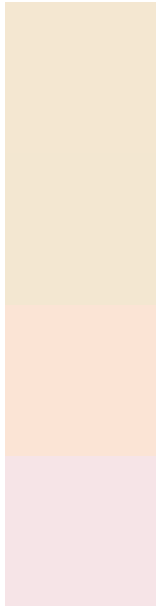
Deuteranopia

92, 11.947, 45.475



Tritanopia
92, 11.789, 332.037

Trichromacy



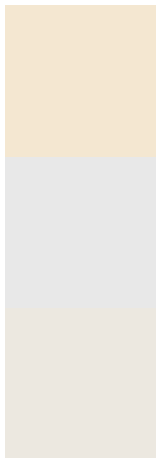
Original Color
92, 12.312, 86.099

Protanomaly
92, 12.169, 87.725

Deuteranomaly
92, 11.539, 61.690

Tritanomaly
92, 6.672, 6.399

Monochromacy



Original Color
92, 12.312, 86.099

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, 12.312, 86.099 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(244, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 209)  
}
```

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(244, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.312, 86.099 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(244, 231, 209) }
```

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

```
.border{ border-color:rgb(244, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.312, 86.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 209) }
```

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

```
.background{ background-color: rgb(244,  
231, 209) }
```

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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