

Converting Colors

CIELCh(92, 15.624, 86.319)

Have a look what the booklet for
CIELCh(92, 15.624, 86.319) contains.

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Color

CIELCh(92, 15.637, 86.310)

Conversions

Conversions Part 1

Format	Color
Hex	F6E6CA
RGB	246, 230, 202
RGB Percent	96%, 90%, 79%
CMY	0.0340, 0.0968, 0.2066
CMYK	0.00, 0.06, 0.18, 0.03
HSL	38°, 72%, 88%
HSV	38°, 18%, 97%
XYZ	77.2057, 80.7044, 67.5810
YIQ	231.5920, 18.5240, -5.3160

Conversions

Conversions Part 2

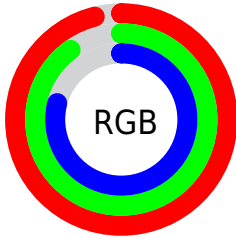
Format	Color
RYB	227, 246, 202
Decimal	16180938
CIELab	92.00, 1.01, 15.60
CIELCh	92, 15.637, 86.310
Yxy	80.7044, 0.3424, 0.3579
Android (android.graphics.Color)	4294371018 (0xFFFF6E6CA)
YUV	231.5920, -14.5889, 12.6358
Hunter-Lab	89.8356, -3.8076, 18.2826

Details

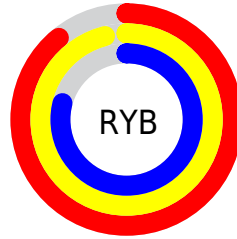
The CIELCh color `92, 15.637, 86.310` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `87, 15.477, 271.205`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 15.683, 87.720` is the 20% darker color. If you saturate the color by 10%, you get `89, 24.701, 84.983`, and if you desaturate by 10%, it is `95, 6.793, 87.596`.

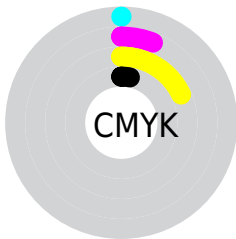
Distribution



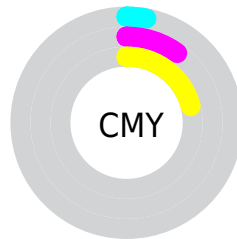
- Red (96%)
- Green (90%)
- Blue (79%)



- Red (89%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 15.637, 86.310 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, 15.637, 86.310 by changing the saturation by 10% instead.

 92, 15.637, 86.310

 92, 15.637, 86.310

 100, 15.637,
86.310

 82, 15.637, 86.310

 72, 15.637, 86.310

 62, 15.637, 86.310

 52, 15.637, 86.310

 42, 15.637, 86.310

 32, 15.637, 86.310

 22, 15.637, 86.310

 12, 15.637, 86.310

 2, 15.637, 86.310

92, 15.637, 86.310

92, 15.637, 86.310

89, 24.701, 84.983

95, 6.793, 87.596

87, 33.956, 83.602

98, 1.831, 269.066

84, 43.331, 82.179

99, 3.001, 199.436

82, 52.671, 80.701

79, 61.671, 79.134

77, 69.774, 77.400

75, 76.106, 75.346

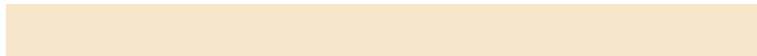
72, 79.788, 72.761

72, 80.407, 72.182

Harmonies

Complementary

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



92, 15.637, 86.310



87, 15.477, 271.205

Rectangle

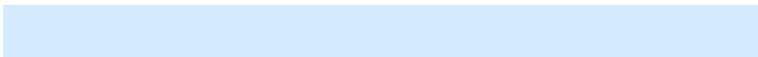
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.637, 86.310



92, 15.637, 136.310



92, 15.637, 266.310



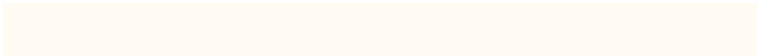
92, 15.637, 316.310

Sweetspot

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



92, 15.638, 86.320



99, 4.420, 87.934



86, 18.189, 353.246



52, 3.019, 87.854



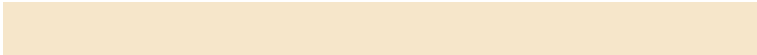
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

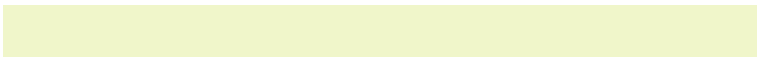
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 15.638, 86.320



94, 18.980, 85.901



96, 22.503, 114.027



50, 4.894, 87.397



56, 65.137, 72.777



17, 25.399, 75.467

Inverse Universe

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



87, 15.477, 271.205



88, 18.742, 271.735



83, 23.426, 296.967



48, 4.876, 269.936



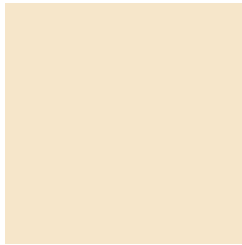
33, 73.534, 294.843



8, 28.092, 288.796

Previews

White Background



This preview shows how the CIELCh color 92, 15.637, 86.310 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, 15.637, 86.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

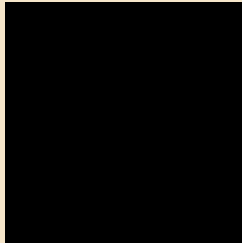
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

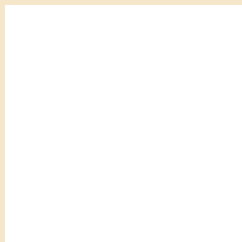
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 15.637, 86.310

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.637, 86.310.

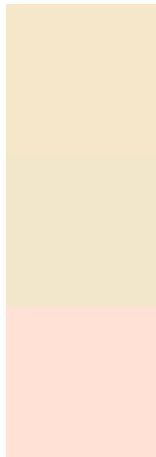


This preview shows how white text looks on a background with the CIELCh color 92, 15.637, 86.310.

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, 15.637, 86.310

Protanopia

92, 15.100, 91.637

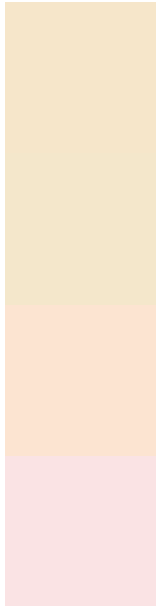
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.045, 338.042

Trichromacy



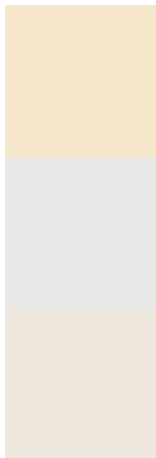
Original Color
92, 15.637, 86.310

Protanomaly
92, 15.217, 90.276

Deuteranomaly
92, 13.312, 66.901

Tritanomaly
92, 8.360, 16.397

Monochromacy



Original Color
92, 15.637, 86.310

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.579, 86.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.637, 86.310 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(246, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 202)  
}
```

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(246, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.637, 86.310 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(246, 230, 202) }
```

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

```
.border{ border-color:rgb(246, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 230, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 230, 202); box-shadow:4px 4px 4px 4px rgb(246, 230, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.637, 86.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 202) }
```

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

```
.background{ background-color: rgb(246,  
230, 202) }
```

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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