

Converting Colors

CIELCh(92, 16.836, 86.145)

Have a look what the booklet for
CIELCh(92, 16.836, 86.145) contains.

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Color

CIELCh(92, 16.744, 86.325)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6C8
RGB	247, 230, 200
RGB Percent	97%, 90%, 78%
CMY	0.0305, 0.0972, 0.2149
CMYK	0.00, 0.07, 0.19, 0.03
HSL	38°, 75%, 88%
HSV	38°, 19%, 97%
XYZ	77.2389, 80.7044, 66.2764
YIQ	231.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

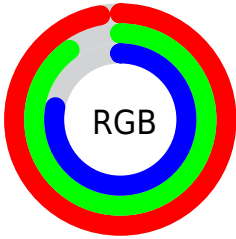
Format	Color
RYB	227, 247, 200
Decimal	16246472
CIELab	92.00, 1.07, 16.71
CIElCh	92, 16.744, 86.325
Yxy	80.7044, 0.3445, 0.3599
Android (android.graphics.Color)	4294436552 (0xFFF7E6C8)
YUV	231.6630, -15.6099, 13.4505
Hunter-Lab	89.8356, -3.7416, 19.1437

Details

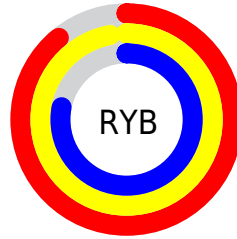
The CIELCh color $92, 16.744, 86.325$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $86, 16.567, 271.556$, and the grayscale version is $92, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $72, 16.849, 87.573$ is the 20% darker color. If you saturate the color by 10%, you get $89, 25.871, 84.992$, and if you desaturate by 10%, it is $95, 7.835, 87.620$.

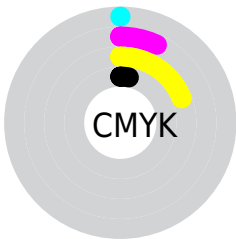
Distribution



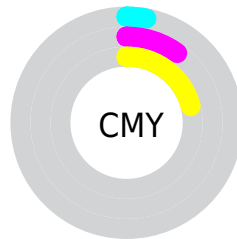
- Red (97%)
- Green (90%)
- Blue (78%)



- Red (89%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (3%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 16.744, 86.325 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, 16.744, 86.325 by changing the saturation by 10% instead.

 92, 16.744, 86.325

 92, 16.744, 86.325

 100, 16.744,
86.325

 82, 16.744, 86.325

 72, 16.744, 86.325

 62, 16.744, 86.325

 52, 16.744, 86.325

 42, 16.744, 86.325

 32, 16.744, 86.325

 22, 16.744, 86.325

 12, 16.744, 86.325

 2, 16.744, 86.325

92, 16.744, 86.325

92, 16.744, 86.325

89, 25.871, 84.992

95, 7.835, 87.620

87, 35.180, 83.607

98, 0.856, 269.278

84, 44.594, 82.179

99, 2.696, 199.480

82, 53.941, 80.693

79, 62.891, 79.113

77, 70.849, 77.353

75, 76.906, 75.252

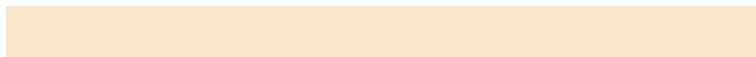
73, 80.329, 72.625

72, 80.617, 72.361

Harmonies

Complementary

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



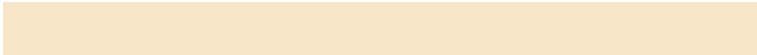
92, 16.744, 86.325



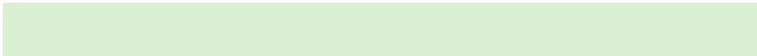
86, 16.567, 271.556

Rectangle

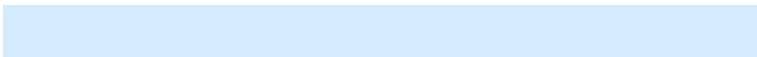
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 16.744, 86.325



92, 16.744, 136.325



92, 16.744, 266.325



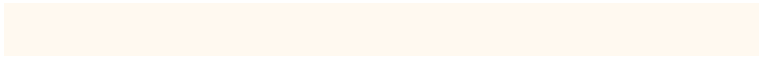
92, 16.744, 316.325

Sweetspot

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



92, 16.745, 86.334



98, 5.323, 87.984



85, 19.448, 353.376



52, 3.535, 87.907



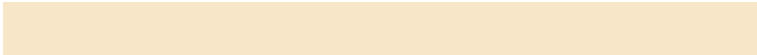
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

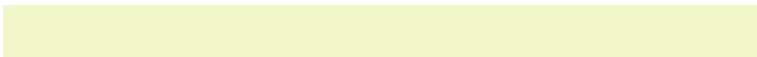
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 16.745, 86.334



93, 20.876, 85.800



96, 24.009, 113.937



50, 4.903, 87.562



56, 65.133, 72.959



17, 25.421, 75.660

Inverse Universe

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



86, 16.567, 271.556



86, 20.597, 272.245



83, 25.061, 297.083



48, 4.886, 270.099



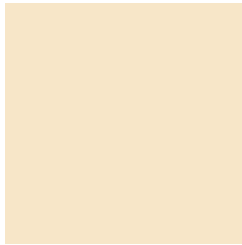
33, 73.774, 294.963



8, 28.180, 288.928

Previews

White Background



This preview shows how the CIELCh color 92, 16.744, 86.325 looks on a white background.

Color Contrast Check

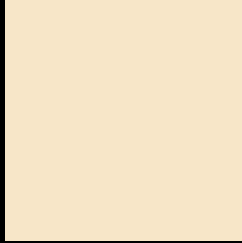
Large Text (above 18pt) WCAG AA × Fail

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, 16.744, 86.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

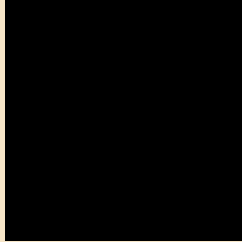
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

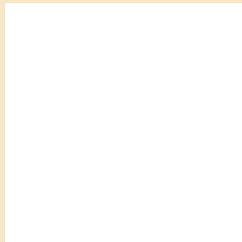
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 16.744, 86.325

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.744, 86.325.

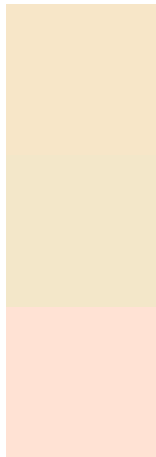


This preview shows how white text looks on a background with the CIELCh color 92, 16.744, 86.325.

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, 16.744, 86.325

Protanopia

92, 16.089, 92.601

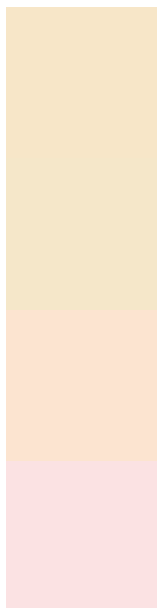
Deuteranopia

92, 13.042, 53.428



Tritanopia
92, 13.922, 338.512

Trichromacy



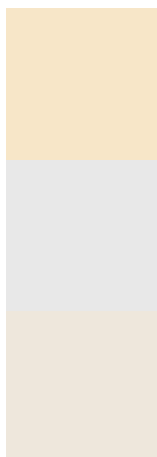
Original Color
92, 16.744, 86.325

Protanomaly
92, 16.320, 90.039

Deuteranomaly
92, 13.708, 68.278

Tritanomaly
92, 9.104, 16.747

Monochromacy



Original Color
92, 16.744, 86.325

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.198, 85.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.744, 86.325 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(247, 230, 200)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 200)  
}
```

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(247, 230, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.744, 86.325 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(247, 230, 200) }
```

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

```
.border{ border-color:rgb(247, 230, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 200);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.744, 86.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 200) }
```

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

```
.background{ background-color: rgb(247,  
230, 200) }
```

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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