

Converting Colors

CIELCh(92, 21.467, 97.192)

Have a look what the booklet for
CIELCh(92, 21.467, 97.192) contains.

CIELCh(92, 21.484, 97.182)	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, 21.484, 97.182)

Conversions

Conversions Part 1

Format	Color
Hex	F3E8BF
RGB	243, 232, 191
RGB Percent	95%, 91%, 75%
CMY	0.0462, 0.0893, 0.2501
CMYK	0.00, 0.05, 0.21, 0.05
HSL	47°, 69%, 85%
HSV	47°, 21%, 95%
XYZ	75.3870, 80.7044, 61.0189
YIQ	230.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

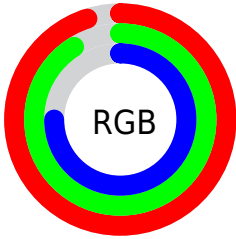
Format	Color
RYB	205, 243, 191
Decimal	15984831
CIELab	92.00, -2.69, 21.32
CIElCh	92, 21.484, 97.182
Yxy	80.7044, 0.3472, 0.3717
Android (android.graphics.Color)	4294174911 (0xFFFF3E8BF)
YUV	230.6150, -19.5302, 10.8616
Hunter-Lab	89.8356, -7.4212, 22.6135

Details

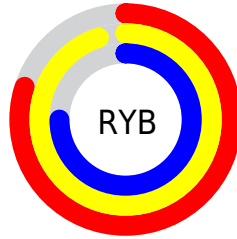
The CIELCh color **92, 21.484, 97.182** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 21.960, 282.577**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **72, 21.470, 97.109** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.612, 95.965**, and if you desaturate by 10%, it is **94, 11.388, 98.376**.

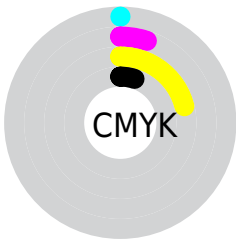
Distribution



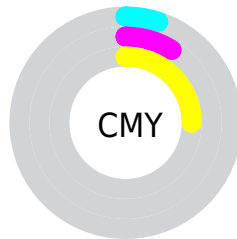
- Red (95%)
- Green (91%)
- Blue (75%)



- Red (80%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 21.484, 97.182 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, 21.484, 97.182 by changing the saturation by 10% instead.

 92, 21.484, 97.182

 92, 21.484, 97.182

 100, 21.484,
97.182

 82, 21.484, 97.182

 72, 21.484, 97.182

 62, 21.484, 97.182

 52, 21.484, 97.182

 42, 21.484, 97.182

 32, 21.484, 97.182

 22, 21.484, 97.182

 12, 21.484, 97.182

 2, 21.484, 97.182

92, 21.484, 97.182

92, 21.484, 97.182

90, 31.612, 95.965

94, 11.388, 98.376

89, 41.678, 94.715

96, 1.367, 99.411

87, 51.524, 93.444

97, 4.034, 268.200

85, 60.871, 92.155

99, 3.474, 218.227

84, 69.257, 90.838

99, 4.064, 199.311

83, 75.996, 89.464

81, 80.285, 87.971

80, 81.915, 86.549

Harmonies

Complementary

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



92, 21.484, 97.182



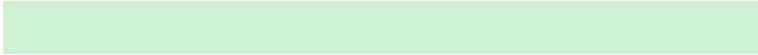
82, 21.960, 282.577

Rectangle

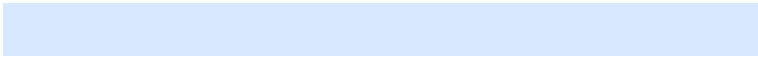
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 21.484, 97.182



92, 21.484, 147.182



92, 21.484, 277.182



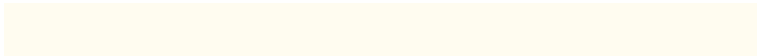
92, 21.484, 327.182

Sweetspot

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



92, 21.486, 97.188



99, 6.217, 98.987



82, 20.353, 4.205



53, 4.126, 98.914



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, 21.486, 97.188



95, 27.184, 96.619



94, 27.106, 119.895



50, 5.710, 98.595



63, 67.118, 86.861



20, 27.912, 89.224

Inverse Universe

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



82, 21.960, 282.577



82, 27.936, 283.341



80, 28.288, 302.605



48, 5.771, 280.879



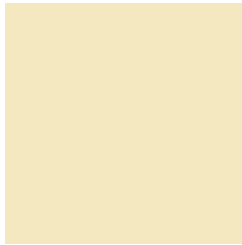
27, 91.268, 302.069



5, 33.978, 295.621

Previews

White Background



This preview shows how the CIE LCh color 92, 21.484, 97.182 looks on a white background.

Color Contrast Check

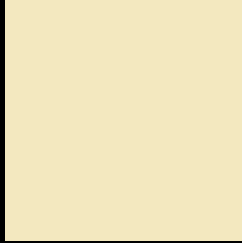
Large Text (above 18pt) WCAG AA × Fail

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, 21.484, 97.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

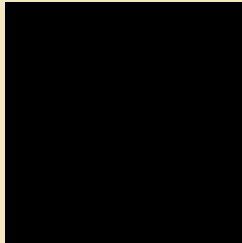
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.484, 97.182

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.484, 97.182.

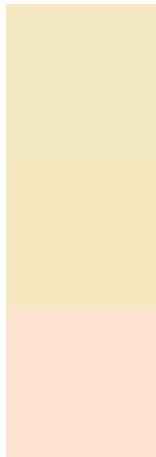


This preview shows how white text looks on a background with the CIELCh color 92, 21.484, 97.182.

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, 21.484, 97.182

Protanopia

92, 21.650, 95.183

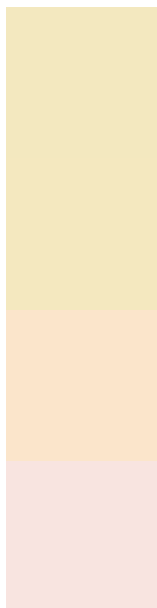
Deuteranopia

92, 14.050, 61.011



Tritanopia
92, 12.892, 334.136

Trichromacy



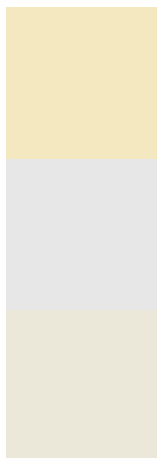
Original Color
92, 21.484, 97.182

Protanomaly
92, 21.564, 96.179

Deuteranomaly
92, 15.786, 77.321

Tritanomaly
92, 7.571, 35.571

Monochromacy



Original Color
92, 21.484, 97.182

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.352, 98.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.484, 97.182 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, 232, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 191)  
}
```

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, 232, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.484, 97.182 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, 232, 191) }
```

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

```
.border{ border-color:rgb(243, 232, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 232, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 232, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 232,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.484, 97.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 191) }
```

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

```
.background{ background-color: rgb(243,  
232, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor