

Converting Colors

CIELCh(92, 23.020, 90.303)

Have a look what the booklet for
CIELCh(92, 23.020, 90.303) contains.

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Color

CIELCh(92, 23.184, 90.971)

Conversions

Conversions Part 1

Format	Color
Hex	F9E7BC
RGB	249, 231, 188
RGB Percent	98%, 91%, 74%
CMY	0.0246, 0.0952, 0.2638
CMYK	0.00, 0.07, 0.25, 0.02
HSL	42°, 83%, 86%
HSV	42°, 25%, 98%
XYZ	76.5131, 80.7044, 58.9715
YIQ	231.4800, 24.5310, -9.5570

Conversions

Conversions Part 2

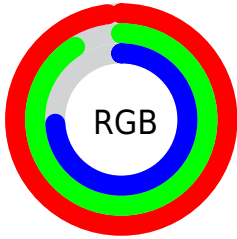
Format	Color
RYB	214, 249, 188
Decimal	16377788
CIELab	92.00, -0.39, 23.18
CIELCh	92, 23.184, 90.971
Yxy	80.7044, 0.3539, 0.3733
Android (android.graphics.Color)	4294567868 (0xFFF9E7BC)
YUV	231.4800, -21.4356, 15.3650
Hunter-Lab	89.8356, -5.1838, 23.9647

Details

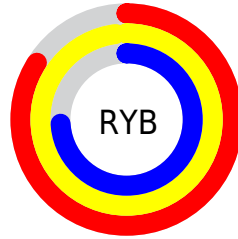
The CIELCh color **92, 23.184, 90.971** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 23.312, 277.655**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **72, 23.127, 91.429** is the 20% darker color. If you saturate the color by 10%, you get **90, 32.868, 89.652**, and if you desaturate by 10%, it is **94, 13.615, 92.259**.

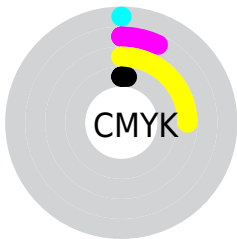
Distribution



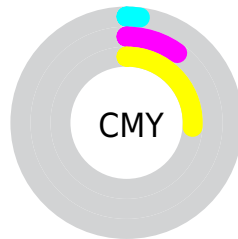
- Red (98%)
- Green (91%)
- Blue (74%)



- Red (84%)
- Yellow (98%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 23.184, 90.971 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, 23.184, 90.971 by changing the saturation by 10% instead.

 92, 23.184, 90.971

 92, 23.184, 90.971

 100, 23.184,
90.971

 82, 23.184, 90.971

 72, 23.184, 90.971

 62, 23.184, 90.971

 52, 23.184, 90.971

 42, 23.184, 90.971

 32, 23.184, 90.971

 22, 23.184, 90.971

 12, 23.184, 90.971

 2, 23.184, 90.971

92, 23.184, 90.971

92, 23.184, 90.971

90, 32.868, 89.652

94, 13.615, 92.259

88, 42.585, 88.287

97, 4.194, 93.464

85, 52.179, 86.881

99, 1.800, 239.534

83, 61.360, 85.417

100, 2.179,
199.571

81, 69.619, 83.854

79, 76.175, 82.106

78, 80.121, 80.027

77, 81.282, 78.744

Harmonies

Complementary

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



92, 23.184, 90.971



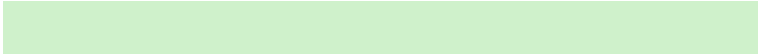
83, 23.312, 277.655

Rectangle

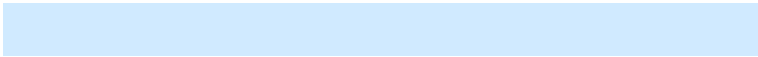
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 23.184, 90.971



92, 23.184, 140.971



92, 23.184, 270.971



92, 23.184, 320.971

Sweetspot

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



92, 23.185, 90.978



98, 6.650, 93.179



82, 24.631, 358.571



52, 4.324, 93.108



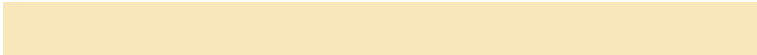
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

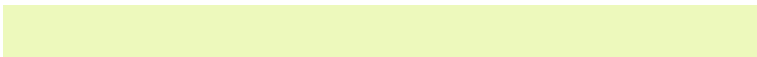
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 23.185, 90.978



93, 28.077, 90.383



96, 31.241, 116.300



51, 5.326, 92.881



59, 66.109, 79.214



19, 27.517, 81.954

Inverse Universe

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



83, 23.312, 277.655



82, 28.270, 278.475



79, 32.974, 299.970



49, 5.346, 275.325



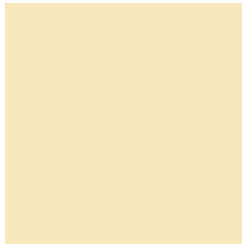
31, 82.819, 298.651



7, 32.345, 293.318

Previews

White Background



This preview shows how the CIE LCh color 92, 23.184, 90.971 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, 23.184, 90.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

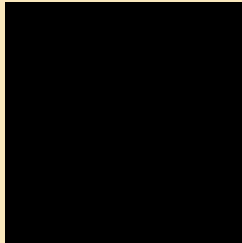
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 23.184, 90.971

Background



This preview shows how black text looks on a background with the CIELCh color 92, 23.184, 90.971.

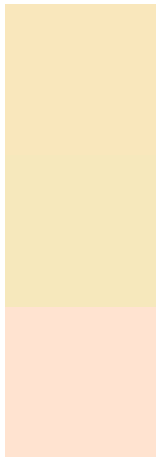


This preview shows how white text looks on a background with the CIELCh color 92, 23.184, 90.971.

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, 23.184, 90.971

Protanopia

92, 23.238, 94.947

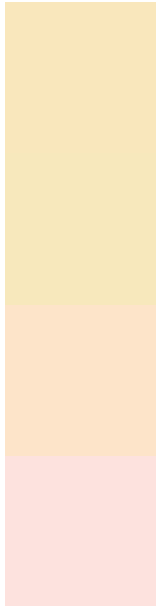
Deuteranopia

92, 14.411, 62.468



Tritanopia
92, 14.143, 342.092

Trichromacy



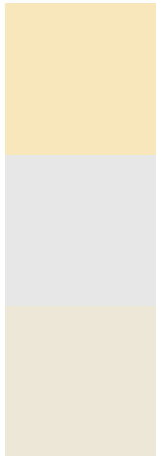
Original Color
92, 23.184, 90.971

Protanomaly
92, 23.333, 94.022

Deuteranomaly
92, 16.879, 74.852

Tritanomaly
92, 10.122, 31.728

Monochromacy



Original Color
92, 23.184, 90.971

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.522, 94.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 23.184, 90.971 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(249, 231, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 188)  
}
```

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(249, 231, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 23.184, 90.971 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(249, 231, 188) }
```

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

```
.border{ border-color:rgb(249, 231, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 231, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 23.184, 90.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 188) }
```

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

```
.background{ background-color: rgb(249,  
231, 188) }
```

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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