

Converting Colors

CIELCh(92, 24.574, 90.400)

Have a look what the booklet for
CIELCh(92, 24.574, 90.400) contains.

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Color

CIELCh(92, 24.778, 90.984)

Conversions

Conversions Part 1

Format	Color
Hex	FAE7B9
RGB	250, 231, 185
RGB Percent	98%, 91%, 73%
CMY	0.0210, 0.0955, 0.2758
CMYK	0.00, 0.08, 0.26, 0.02
HSL	42°, 86%, 85%
HSV	42°, 26%, 98%
XYZ	76.4970, 80.7044, 57.2590
YIQ	231.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

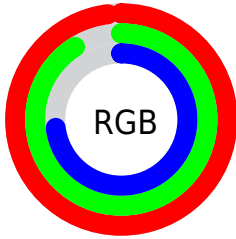
Format	Color
R _Y B	212, 250, 185
Decimal	16443321
CIE Lab	92.00, -0.43, 24.77
CIE LCh	92, 24.778, 90.984
Yxy	80.7044, 0.3567, 0.3763
Android (android.graphics.Color)	4294633401 (0xFFFAE7B9)
YUV	231.4370, -22.8934, 16.2798
Hunter-Lab	89.8356, -5.2158, 25.0950

Details

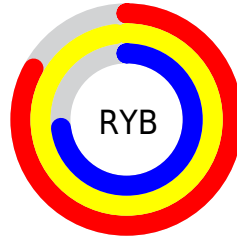
The CIELCh color **92, 24.778, 90.984** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 24.945, 278.122**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **72, 24.798, 91.329** is the 20% darker color. If you saturate the color by 10%, you get **90, 34.522, 89.661**, and if you desaturate by 10%, it is **94, 15.138, 92.277**.

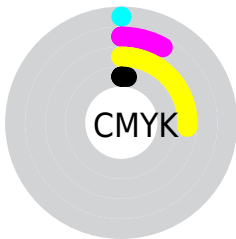
Distribution



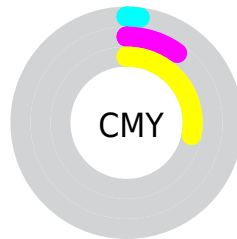
- Red (98%)
- Green (91%)
- Blue (73%)



- Red (83%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 24.778, 90.984 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, 24.778, 90.984 by changing the saturation by 10% instead.

 92, 24.778, 90.984

 92, 24.778, 90.984

 100, 24.778,
90.984

 82, 24.778, 90.984

 72, 24.778, 90.984

 62, 24.778, 90.984

 52, 24.778, 90.984

 42, 24.778, 90.984

 32, 24.778, 90.984

 22, 24.778, 90.984

 12, 24.778, 90.984

 2, 24.778, 90.984

92, 24.778, 90.984

92, 24.778, 90.984

90, 34.522, 89.661

94, 15.138, 92.277

88, 44.275, 88.293

97, 5.639, 93.500

85, 53.865, 86.883

99, 1.601, 251.412

83, 62.971, 85.411

100, 1.859,
199.644

81, 71.042, 83.834

80, 77.255, 82.056

78, 80.730, 79.927

77, 81.548, 79.004

Harmonies

Complementary

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



92, 24.778, 90.984



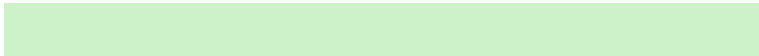
82, 24.945, 278.122

Rectangle

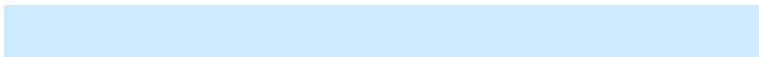
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 24.778, 90.984



92, 24.778, 140.984



92, 24.778, 270.984



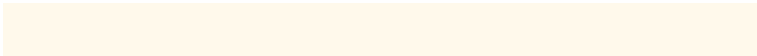
92, 24.778, 320.984

Sweetspot

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



92, 24.779, 90.990



98, 7.630, 93.267



81, 26.290, 358.770



52, 5.431, 93.086



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, 24.779, 90.990



93, 30.129, 90.330



96, 33.238, 116.195



51, 5.341, 93.088



60, 66.143, 79.475



19, 27.562, 82.207

Inverse Universe

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



82, 24.945, 278.122



80, 30.389, 279.055



78, 35.213, 300.117



49, 5.362, 275.528



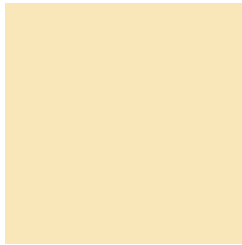
30, 83.155, 298.786



7, 32.467, 293.453

Previews

White Background



This preview shows how the CIE LCh color 92, 24.778, 90.984 looks on a white background.

Color Contrast Check

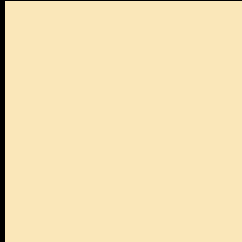
Large Text (above 18pt) WCAG AA × Fail

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, 24.778, 90.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

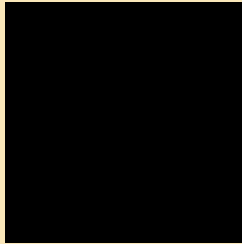
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 24.778, 90.984

Background



This preview shows how black text looks on a background with the CIELCh color 92, 24.778, 90.984.

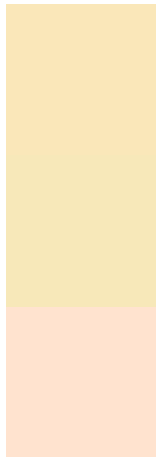


This preview shows how white text looks on a background with the CIELCh color 92, 24.778, 90.984.

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, 24.778, 90.984

Protanopia

92, 24.826, 94.718

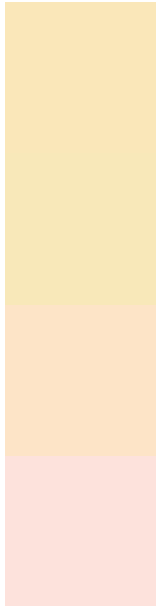
Deuteranopia

92, 14.782, 63.850



Tritanopia
92, 13.838, 343.782

Trichromacy



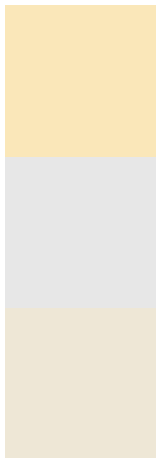
Original Color
92, 24.778, 90.984

Protanomaly
92, 24.922, 93.848

Deuteranomaly
92, 17.758, 76.566

Tritanomaly
92, 10.414, 37.217

Monochromacy



Original Color
92, 24.778, 90.984

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 9.118, 93.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 24.778, 90.984 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(250, 231, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 185)  
}
```

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(250, 231, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 24.778, 90.984 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(250, 231, 185) }
```

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

```
.border{ border-color:rgb(250, 231, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 24.778, 90.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 185) }
```

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

```
.background{ background-color: rgb(250,  
231, 185) }
```

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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