

Converting Colors

CIELCh(92, 24.936, 82.327)

Have a look what the booklet for
CIELCh(92, 24.936, 82.327) contains.

CIELCh(92, 24.572, 83.088)	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, 24.572, 83.088)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5BA
RGB	255, 229, 186
RGB Percent	100%, 90%, 73%
CMY	0.0000, 0.1036, 0.2723
CMYK	0.00, 0.10, 0.27, 0.00
HSL	37°, 100%, 86%
HSV	37°, 27%, 100%
XYZ	78.1782, 80.7044, 57.6653
YIQ	231.8720, 29.2990, -7.8610

Conversions

Conversions Part 2

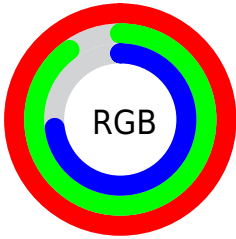
Format	Color
R _Y B	228, 255, 186
Decimal	16770490
CIE Lab	92.00, 2.96, 24.39
CIE LCh	92, 24.572, 83.088
Yxy	80.7044, 0.3610, 0.3727
Android (android.graphics.Color)	4294960570 (0xFFFFE5BA)
YUV	231.8720, -22.6149, 20.2833
Hunter-Lab	89.8356, -1.8752, 24.8269

Details

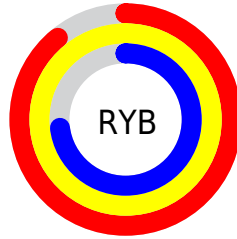
The CIELCh color **92, 24.572, 83.088** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 23.908, 271.430**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **72, 24.395, 83.870** is the 20% darker color. If you saturate the color by 10%, you get **89, 33.897, 82.205**, and if you desaturate by 10%, it is **95, 15.269, 84.929**.

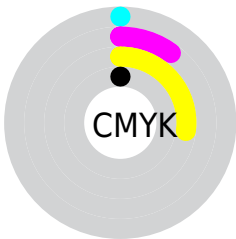
Distribution



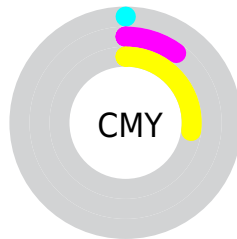
- Red (100%)
- Green (90%)
- Blue (73%)



- Red (89%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 24.572, 83.088 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, 24.572, 83.088 by changing the saturation by 10% instead.

 92, 24.572, 83.088

 92, 24.572, 83.088

 100, 24.572,
83.088

 82, 24.572, 83.088

 72, 24.572, 83.088

 62, 24.572, 83.088

 52, 24.572, 83.088

 42, 24.572, 83.088

 32, 24.572, 83.088

 22, 24.572, 83.088

 12, 24.572, 83.088

 2, 24.572, 83.088

92, 24.572, 83.088

92, 24.572, 83.088

89, 33.897, 82.205

95, 15.269, 84.929

86, 43.487, 80.780

98, 6.314, 86.205

84, 53.094, 79.301

100, 0.012,
296.813

81, 62.427, 77.734

79, 70.936, 75.996

76, 77.734, 73.930

74, 81.825, 71.293

73, 82.673, 70.510

Harmonies

Complementary

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



92, 24.572, 83.088



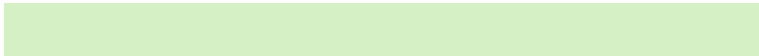
84, 23.908, 271.430

Rectangle

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



92, 24.572, 83.088



92, 24.572, 133.088



92, 24.572, 263.088



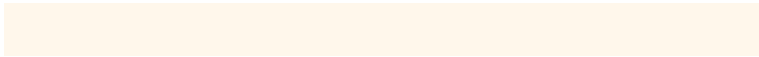
92, 24.572, 313.088

Sweetspot

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



92, 24.470, 83.589



98, 6.993, 86.111



82, 29.104, 353.280



52, 4.981, 85.924



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, 24.470, 83.589



90, 29.883, 82.796



98, 35.066, 112.579



52, 4.981, 85.924



56, 66.541, 71.128



18, 27.553, 73.798

Inverse Universe

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



84, 23.908, 271.430



81, 29.047, 272.590



78, 37.395, 297.409



50, 4.953, 268.491



35, 73.044, 293.843



9, 29.315, 288.294

Previews

White Background



This preview shows how the CIELCh color 92, 24.572, 83.088 looks on a white background.

Color Contrast Check

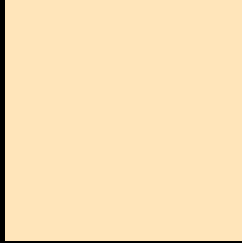
Large Text (above 18pt) WCAG AA × Fail

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, 24.572, 83.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

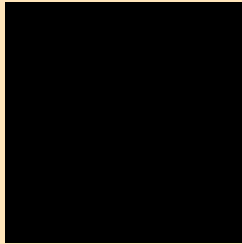
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 24.572, 83.088

Background



This preview shows how black text looks on a background with the CIELCh color 92, 24.572, 83.088.



This preview shows how white text looks on a background with the CIELCh color 92, 24.572, 83.088.

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, 24.379, 83.931

Protanopia

92, 23.737, 95.174

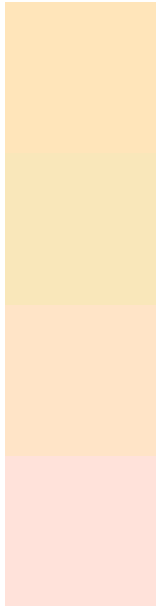
Deuteranopia

92, 14.782, 63.850



Tritanopia
92, 13.007, 349.317

Trichromacy



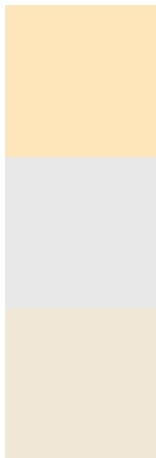
Original Color
92, 24.379, 83.931

Protanomaly
92, 24.168, 91.570

Deuteranomaly
92, 18.192, 74.529

Tritanomaly
92, 11.502, 40.963

Monochromacy



Original Color
92, 24.379, 83.931

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.868, 87.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 24.572, 83.088 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(255, 229, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 186)  
}
```

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(255, 229, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 24.572, 83.088 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(255, 229, 186) }
```

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

```
.border{ border-color:rgb(255, 229, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 24.572, 83.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 186) }
```

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

```
.background{ background-color: rgb(255,  
229, 186) }
```

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