

Converting Colors

CIELCh(93, 26.845, 70.936)

Have a look what the booklet for
CIELCh(93, 26.845, 70.936) contains.

CIELCh(92, 23.634, 82.172)	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, 23.634, 82.172)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4BB
RGB	255, 228, 187
RGB Percent	100%, 89%, 73%
CMY	0.0000, 0.1040, 0.2649
CMYK	0.00, 0.10, 0.26, 0.00
HSL	36°, 100%, 87%
HSV	36°, 26%, 100%
XYZ	78.3094, 80.7044, 58.7190
YIQ	231.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

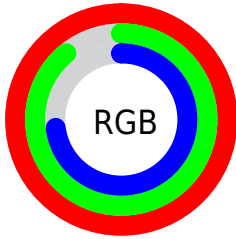
Format	Color
R _Y B	232, 255, 187
Decimal	16770235
CIE Lab	92.00, 3.22, 23.41
CIE LCh	92, 23.634, 82.172
Yxy	80.7044, 0.3597, 0.3707
Android (android.graphics.Color)	4294960315 (0xFFFFE4BB)
YUV	231.3990, -21.8887, 20.6981
Hunter-Lab	89.8356, -1.6146, 24.1314

Details

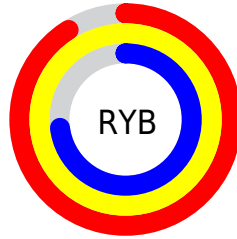
The CIELCh color **92, 23.634, 82.172** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.916, 270.211**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **72, 23.619, 82.045** is the 20% darker color. If you saturate the color by 10%, you get **89, 32.904, 81.212**, and if you desaturate by 10%, it is **95, 14.440, 83.929**.

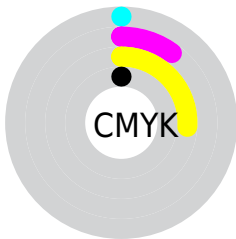
Distribution



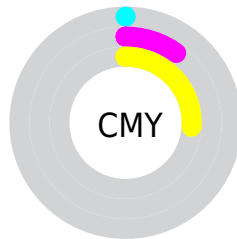
- Red (100%)
- Green (89%)
- Blue (73%)



- Red (91%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 23.634, 82.172 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, 23.634, 82.172 by changing the saturation by 10% instead.

 92, 23.634, 82.172

 92, 23.634, 82.172

 100, 23.634,
82.172

 82, 23.634, 82.172

 72, 23.634, 82.172

 62, 23.634, 82.172

 52, 23.634, 82.172

 42, 23.634, 82.172

 32, 23.634, 82.172

 22, 23.634, 82.172

 12, 23.634, 82.172

 2, 23.634, 82.172

92, 23.634, 82.172

92, 23.634, 82.172

89, 32.904, 81.212

95, 14.440, 83.929

86, 42.452, 79.791

98, 5.593, 85.197

83, 52.064, 78.319

100, 0.012,
296.813

81, 61.467, 76.762

78, 70.145, 75.039

76, 77.238, 72.991

73, 81.690, 70.362

73, 82.813, 69.348

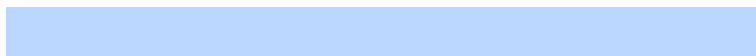
Harmonies

Complementary

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



92, 23.634, 82.172



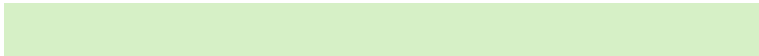
85, 22.916, 270.211

Rectangle

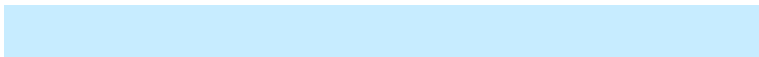
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 23.634, 82.172



92, 23.634, 132.172



92, 23.634, 262.172



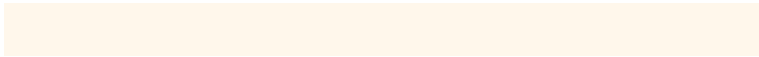
92, 23.634, 312.172

Sweetspot

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



92, 23.548, 82.591



98, 6.914, 85.014



83, 28.532, 352.113



52, 4.926, 84.827



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, 23.548, 82.591



90, 28.677, 81.836



98, 34.085, 111.924



52, 4.926, 84.827



56, 66.635, 69.982



18, 27.442, 72.588

Inverse Universe

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



85, 22.916, 270.211



82, 27.738, 271.309



79, 36.293, 296.754



50, 4.890, 267.404



36, 71.491, 293.022



10, 28.708, 287.367

Previews

White Background



This preview shows how the CIE LCh color 92, 23.634, 82.172 looks on a white background.

Color Contrast Check

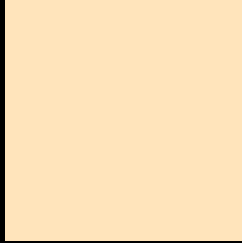
Large Text (above 18pt) WCAG AA × Fail

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, 23.634, 82.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

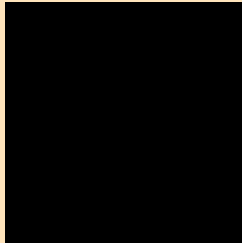
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 23.634, 82.172

Background



This preview shows how black text looks on a background with the CIELCh color 92, 23.634, 82.172.



This preview shows how white text looks on a background with the CIELCh color 92, 23.634, 82.172.

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, 23.634, 82.172

Protanopia

92, 22.740, 94.709

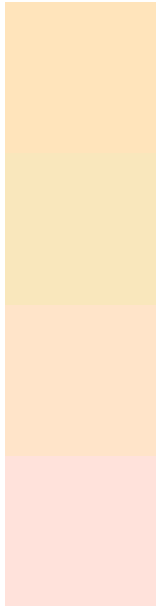
Deuteranopia

92, 14.411, 62.468



Tritanopia
92, 13.007, 349.317

Trichromacy



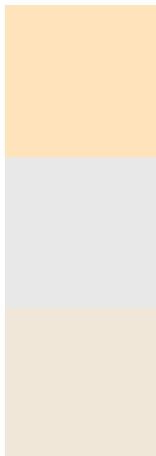
Original Color
92, 23.634, 82.172

Protanomaly
92, 23.184, 90.971

Deuteranomaly
92, 17.332, 72.763

Tritanomaly
92, 11.308, 38.579

Monochromacy



Original Color
92, 23.634, 82.172

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.389, 86.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 23.634, 82.172 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, 228, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 187)  
}
```

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, 228, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 23.634, 82.172 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, 228, 187) }
```

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

```
.border{ border-color:rgb(255, 228, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 23.634, 82.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 187) }
```

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

```
.background{ background-color: rgb(255,  
228, 187) }
```

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