

Converting Colors

CIELCh(92, 23.907, 83.495)

Have a look what the booklet for
CIELCh(92, 23.907, 83.495) contains.

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Color

CIELCh(92, 23.907, 83.495)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5BB
RGB	255, 229, 187
RGB Percent	100%, 90%, 73%
CMY	0.0009, 0.1028, 0.2675
CMYK	0.00, 0.10, 0.27, 0.00
HSL	37°, 99%, 87%
HSV	37°, 27%, 100%
XYZ	78.0538, 80.7044, 58.3525
YIQ	231.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

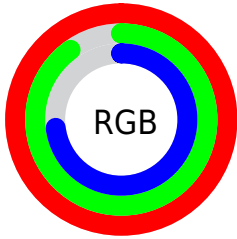
Format	Color
R _Y B	229, 255, 187
Decimal	16770491
CIE Lab	92.00, 2.71, 23.75
CIE LCh	92, 23.907, 83.495
Yxy	80.7044, 0.3595, 0.3717
Android (android.graphics.Color)	4294960571 (0xFFFFE5BB)
YUV	231.9860, -22.1781, 20.1833
Hunter-Lab	89.8356, -2.1224, 24.3733

Details

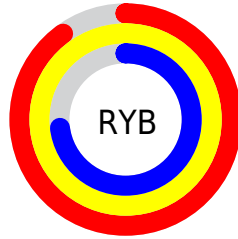
The CIELCh color **92, 23.907, 83.495** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.354, 271.168**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **72, 23.898, 83.434** is the 20% darker color. If you saturate the color by 10%, you get **89, 33.308, 82.121**, and if you desaturate by 10%, it is **95, 14.738, 84.840**.

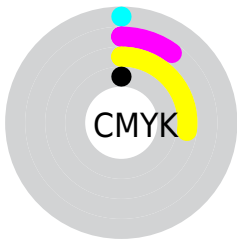
Distribution



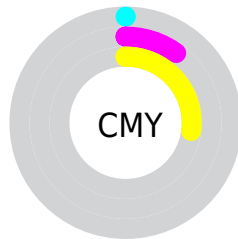
- Red (100%)
- Green (90%)
- Blue (73%)



- Red (90%)
- 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, 23.907, 83.495 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, 23.907, 83.495 by changing the saturation by 10% instead.

 92, 23.907, 83.495

 92, 23.907, 83.495

 100, 23.907,
83.495

 82, 23.907, 83.495

 72, 23.907, 83.495

 62, 23.907, 83.495

 52, 23.907, 83.495

 42, 23.907, 83.495

 32, 23.907, 83.495

 22, 23.907, 83.495

 12, 23.907, 83.495

 2, 23.907, 83.495

92, 23.907, 83.495

92, 23.907, 83.495

89, 33.308, 82.121

95, 14.738, 84.840

86, 42.879, 80.698

98, 5.817, 86.110

84, 52.484, 79.223

100, 0.082,
207.474

81, 61.841, 77.662

79, 70.421, 75.937

76, 77.355, 73.892

74, 81.616, 71.283

73, 82.632, 70.339

Harmonies

Complementary

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



92, 23.907, 83.495



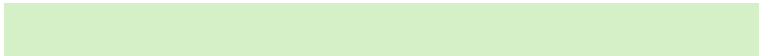
85, 23.354, 271.168

Rectangle

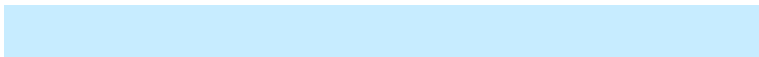
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 23.907, 83.495



92, 23.907, 133.495



92, 23.907, 263.495



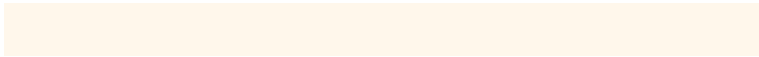
92, 23.907, 313.495

Sweetspot

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



92, 23.908, 83.502



98, 6.981, 85.950



83, 28.482, 353.211



52, 4.973, 85.764



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

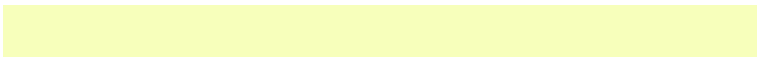
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 23.908, 83.502



91, 28.900, 82.773



98, 34.348, 112.623



52, 4.973, 85.764



56, 66.553, 70.958



18, 27.536, 73.620

Inverse Universe

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



85, 23.354, 271.168



82, 28.092, 272.224



79, 36.575, 297.344



50, 4.944, 268.332



35, 72.814, 293.724



9, 29.225, 288.159

Previews

White Background



This preview shows how the CIE LCh color 92, 23.907, 83.495 looks on a white background.

Color Contrast Check

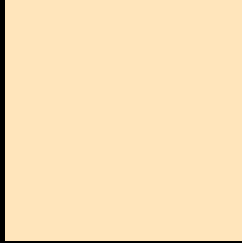
Large Text (above 18pt) WCAG AA × Fail

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, 23.907, 83.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

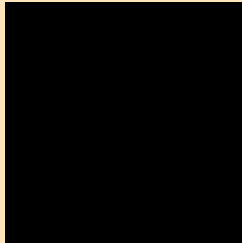
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 23.907, 83.495

Background



This preview shows how black text looks on a background with the CIELCh color 92, 23.907, 83.495.



This preview shows how white text looks on a background with the CIELCh color 92, 23.907, 83.495.

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, 23.907, 83.495

Protanopia

92, 23.238, 94.947

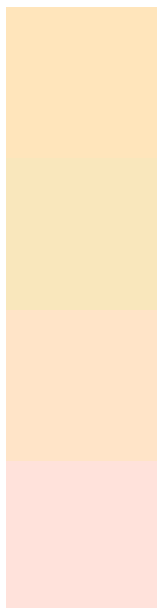
Deuteranopia

92, 14.411, 62.468



Tritanopia
92, 13.007, 349.317

Trichromacy



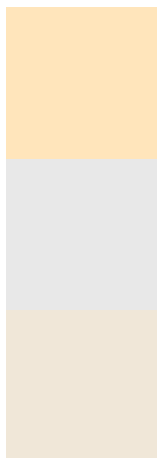
Original Color
92, 23.907, 83.495

Protanomaly
92, 23.184, 90.971

Deuteranomaly
92, 17.760, 73.669

Tritanomaly
92, 11.308, 38.579

Monochromacy



Original Color
92, 23.907, 83.495

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, 23.907, 83.495 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 23.907, 83.495 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, 187) }
```

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

```
.border{ border-color:rgb(255, 229, 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, 229, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 23.907, 83.495 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
229, 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](#).

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