

Converting Colors

CIELCh(92, 20.181, 76.013)

Have a look what the booklet for
CIELCh(92, 20.181, 76.013) contains.

CIELCh(92, 19.961, 77.571)	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, 19.961, 77.571)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C3
RGB	255, 228, 195
RGB Percent	100%, 89%, 76%
CMY	0.0000, 0.1058, 0.2352
CMYK	0.00, 0.11, 0.24, 0.00
HSL	33°, 100%, 88%
HSV	33°, 24%, 100%
XYZ	78.8505, 80.7044, 63.0644
YIQ	232.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

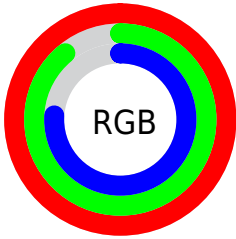
Format	Color
R_{YB}	244, 255, 195
Decimal	16770243
CIE _{Lab}	92.00, 4.30, 19.49
CIE _{LCh}	92, 19.961, 77.571
Yxy	80.7044, 0.3542, 0.3625
Android (android.graphics.Color)	4294960323 (0xFFFFE4C3)
YUV	232.3110, -18.3943, 19.8983
Hunter-Lab	89.8356, -0.5393, 21.2635

Details

The CIELCh color **92, 19.961, 77.571** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 19.093, 264.260**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **72, 20.226, 78.040** is the 20% darker color. If you saturate the color by 10%, you get **89, 29.001, 76.262**, and if you desaturate by 10%, it is **95, 11.249, 78.903**.

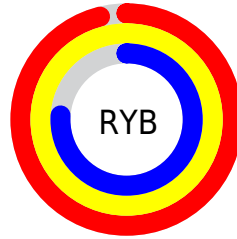
Distribution



Red (100%)

Green (89%)

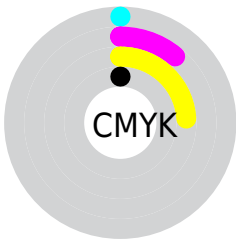
Blue (76%)



Red (96%)

Yellow (100%)

Blue (76%)

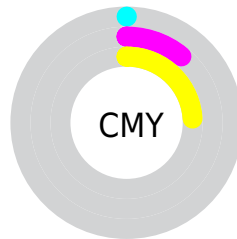


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 19.961, 77.571 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, 19.961, 77.571 by changing the saturation by 10% instead.

 92, 19.961, 77.571

 92, 19.961, 77.571

 100, 19.961,
77.571

 82, 19.961, 77.571

 72, 19.961, 77.571

 62, 19.961, 77.571

 52, 19.961, 77.571

 42, 19.961, 77.571

 32, 19.961, 77.571

 22, 19.961, 77.571

 12, 19.961, 77.571

 2, 19.961, 77.571

92, 19.961, 77.571

92, 19.961, 77.571

89, 29.001, 76.262

95, 11.249, 78.903

85, 38.363, 74.894

99, 2.867, 80.083

82, 47.967, 73.489

100, 0.012,
296.813

79, 57.628, 72.020

76, 66.957, 70.415

74, 75.222, 68.518

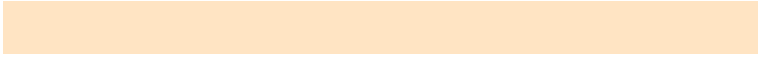
71, 81.316, 66.048

70, 83.965, 64.108

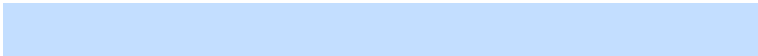
Harmonies

Complementary

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



92, 19.961, 77.571



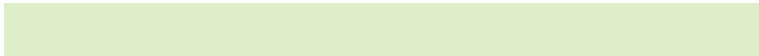
88, 19.093, 264.260

Rectangle

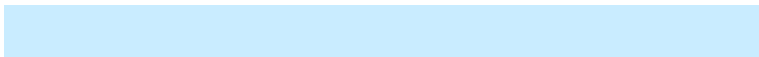
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.961, 77.571



92, 19.961, 127.571



92, 19.961, 257.571



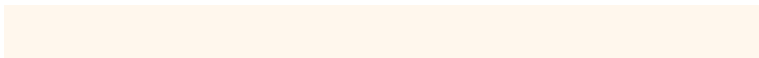
92, 19.961, 307.571

Sweetspot

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



92, 19.957, 77.601



98, 5.748, 79.710



85, 25.977, 348.674



52, 3.740, 79.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

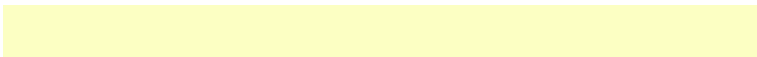
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 19.957, 77.601



91, 23.967, 77.005



98, 30.243, 110.033



51, 4.693, 79.407



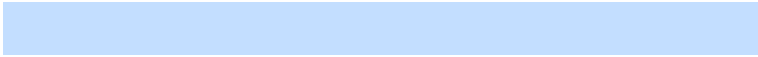
53, 67.467, 64.796



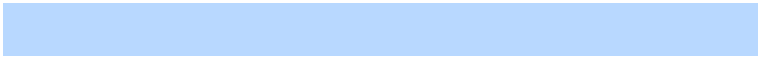
17, 27.090, 66.884

Inverse Universe

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



88, 19.093, 264.260



85, 22.714, 265.111



81, 31.976, 294.670



50, 4.623, 261.994



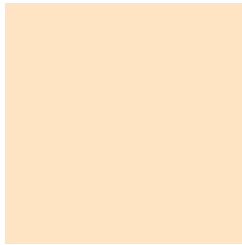
39, 64.361, 288.729



11, 25.981, 282.588

Previews

White Background



This preview shows how the CIE LCh color 92, 19.961, 77.571 looks on a white background.

Color Contrast Check

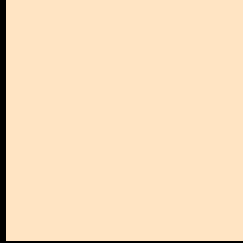
Large Text (above 18pt) WCAG AA × Fail

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, 19.961, 77.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

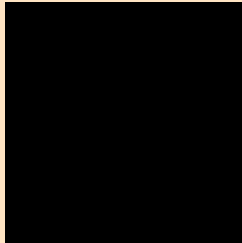
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.961, 77.571

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.961, 77.571.

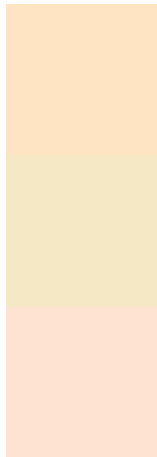


This preview shows how white text looks on a background with the CIELCh color 92, 19.961, 77.571.

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, 19.961, 77.571

Protanopia

92, 18.562, 94.529

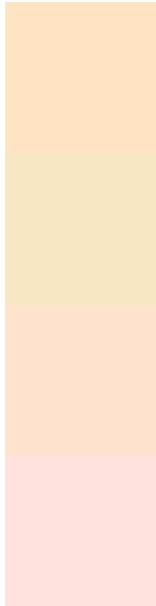
Deuteranopia

92, 13.699, 59.476



Tritanopia
92, 13.269, 347.394

Trichromacy



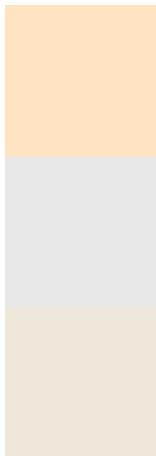
Original Color
92, 19.961, 77.571

Protanomaly
92, 19.145, 88.951

Deuteranomaly
92, 15.548, 66.407

Tritanomaly
92, 11.134, 28.063

Monochromacy



Original Color
92, 19.961, 77.571

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.985, 81.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.961, 77.571 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.961, 77.571 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, 195) }
```

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

```
.border{ border-color:rgb(255, 228, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.961, 77.571 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
228, 195) }
```

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