

Converting Colors

CIELCh(100, 45.954, 39.475)

Have a look what the booklet for
CIELCh(100, 45.954, 39.475)
contains.

CIELCh(92, 17.760, 73.669)	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, 17.760, 73.669)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C8
RGB	255, 228, 200
RGB Percent	100%, 89%, 78%
CMY	0.0011, 0.1069, 0.2167
CMYK	0.00, 0.11, 0.22, 0.00
HSL	31°, 99%, 89%
HSV	31°, 22%, 100%
XYZ	79.2023, 80.7044, 65.8855
YIQ	232.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

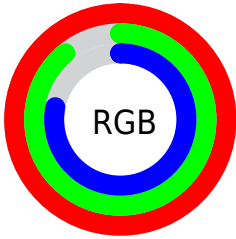
Format	Color
R _Y B	253, 255, 200
Decimal	16770248
CIE Lab	92.00, 4.99, 17.04
CIE LCh	92, 17.760, 73.669
Yxy	80.7044, 0.3508, 0.3574
Android (android.graphics.Color)	4294960328 (0xFFFFE4C8)
YUV	232.8810, -16.2103, 19.3984
Hunter-Lab	89.8356, 0.1597, 19.4016

Details

The CIELCh color **92, 17.760, 73.669** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.815, 259.617**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.887, 74.166** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.599, 72.400**, and if you desaturate by 10%, it is **96, 9.315, 74.926**.

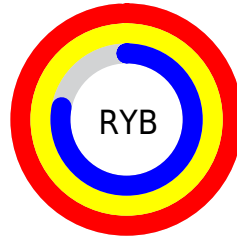
Distribution



Red (100%)

Green (89%)

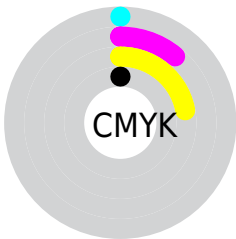
Blue (78%)



Red (99%)

Yellow (100%)

Blue (78%)

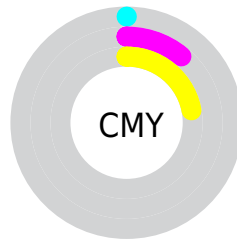


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 17.760, 73.669 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, 17.760, 73.669 by changing the saturation by 10% instead.

 92, 17.760, 73.669

 92, 17.760, 73.669

 100, 17.760,
73.669

 82, 17.760, 73.669

 72, 17.760, 73.669

 62, 17.760, 73.669

 52, 17.760, 73.669

 42, 17.760, 73.669

 32, 17.760, 73.669

 22, 17.760, 73.669

 12, 17.760, 73.669

 2, 17.760, 73.669

92, 17.760, 73.669

92, 17.760, 73.669

88, 26.599, 72.400

96, 9.315, 74.926

85, 35.831, 71.103

99, 1.240, 75.868

82, 45.413, 69.786

100, 0.096,
206.354

78, 55.211, 68.428

75, 64.913, 66.965

72, 73.889, 65.250

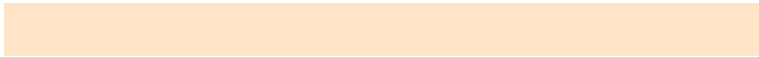
70, 81.067, 62.998

67, 85.189, 60.552

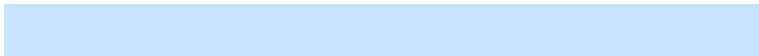
Harmonies

Complementary

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



92, 17.760, 73.669



89, 16.815, 259.617

Rectangle

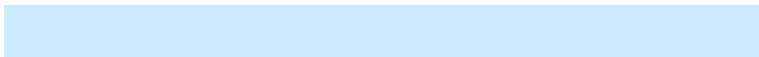
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 17.760, 73.669



92, 17.760, 123.669



92, 17.760, 253.669



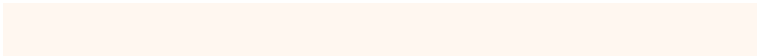
92, 17.760, 303.669

Sweetspot

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



92, 17.761, 73.679



98, 4.765, 75.580



86, 24.516, 345.575



52, 3.166, 75.508



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, 17.761, 73.679



91, 21.631, 73.117



99, 27.732, 108.070



51, 4.553, 75.177



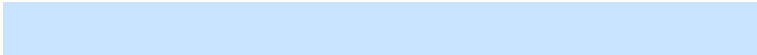
52, 68.437, 61.257



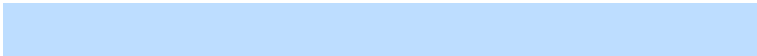
16, 27.009, 62.749

Inverse Universe

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



89, 16.815, 259.617



87, 20.222, 260.422



82, 29.177, 292.678



51, 4.458, 257.726



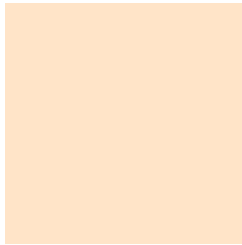
41, 59.394, 285.079



12, 24.131, 278.597

Previews

White Background



This preview shows how the CIELCh color 92, 17.760, 73.669 looks on a white background.

Color Contrast Check

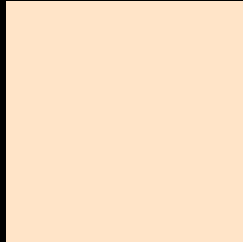
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 17.760, 73.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

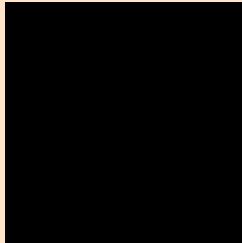
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.760, 73.669

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.760, 73.669.

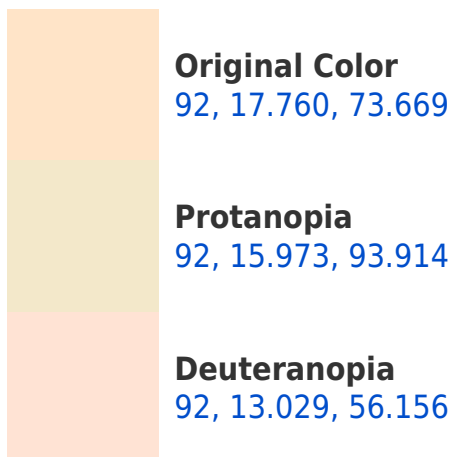


This preview shows how white text looks on a background with the CIELCh color 92, 17.760, 73.669.

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](#).

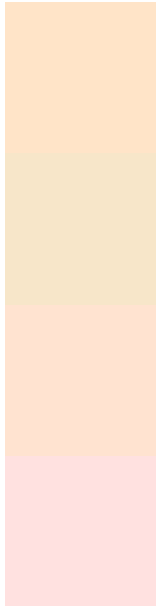
Dichromacy





Tritanopia
92, 13.269, 347.394

Trichromacy



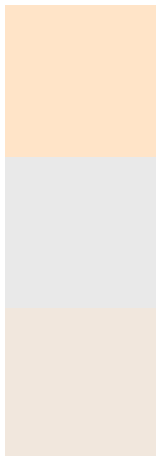
Original Color
92, 17.760, 73.669

Protanomaly
92, 16.266, 85.701

Deuteranomaly
92, 14.411, 62.468

Tritanomaly
92, 11.001, 22.796

Monochromacy



Original Color
92, 17.760, 73.669

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.291, 74.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.760, 73.669 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.760, 73.669 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, 200) }
```

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

```
.border{ border-color:rgb(255, 228, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.760, 73.669 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
228, 200) }
```

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