

Converting Colors

CIELCh(93, 22.053, 66.562)

Have a look what the booklet for
CIELCh(93, 22.053, 66.562) contains.

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Color

CIELCh(92, 19.070, 76.124)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C5
RGB	255, 228, 197
RGB Percent	100%, 89%, 77%
CMY	0.0004, 0.1062, 0.2278
CMYK	0.00, 0.11, 0.23, 0.00
HSL	32°, 100%, 89%
HSV	32°, 23%, 100%
XYZ	78.9902, 80.7044, 64.1827
YIQ	232.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

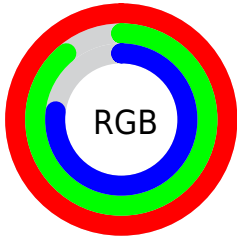
Format	Color
R _Y B	248, 255, 197
Decimal	16770245
CIE Lab	92.00, 4.57, 18.51
CIE LCh	92, 19.070, 76.124
Yxy	80.7044, 0.3528, 0.3605
Android (android.graphics.Color)	4294960325 (0xFFFFE4C5)
YUV	232.5390, -17.5207, 19.6983
Hunter-Lab	89.8356, -0.2618, 20.5254

Details

The CIELCh color **92, 19.070, 76.124** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.169, 262.516**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **72, 19.279, 76.612** is the 20% darker color. If you saturate the color by 10%, you get **89, 28.033, 74.814**, and if you desaturate by 10%, it is **95, 10.467, 77.417**.

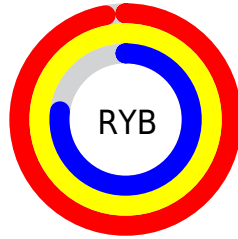
Distribution



Red (100%)

Green (89%)

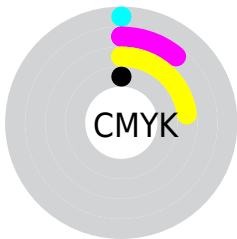
Blue (77%)



Red (97%)

Yellow (100%)

Blue (77%)

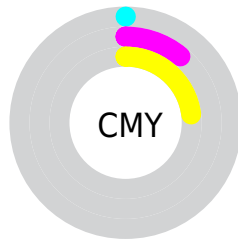


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 19.070, 76.124 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, 19.070, 76.124 by changing the saturation by 10% instead.

 92, 19.070, 76.124

 92, 19.070, 76.124

 100, 19.070,
76.124

 82, 19.070, 76.124

 72, 19.070, 76.124

 62, 19.070, 76.124

 52, 19.070, 76.124

 42, 19.070, 76.124

 32, 19.070, 76.124

 22, 19.070, 76.124

 12, 19.070, 76.124

 2, 19.070, 76.124

92, 19.070, 76.124

92, 19.070, 76.124

89, 28.033, 74.814

95, 10.467, 77.417

85, 37.343, 73.469

99, 2.207, 78.541

82, 46.938, 72.094

100, 0.034,
219.493

79, 56.655, 70.663

76, 66.135, 69.107

73, 74.686, 67.273

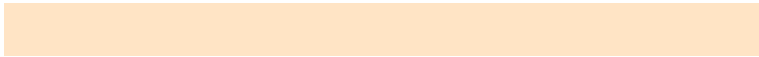
71, 81.210, 64.878

69, 84.394, 62.722

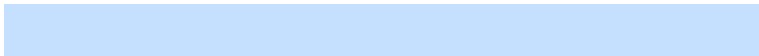
Harmonies

Complementary

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



92, 19.070, 76.124



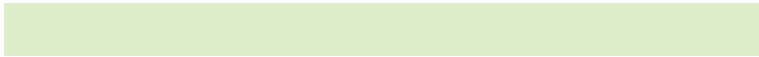
88, 18.169, 262.516

Rectangle

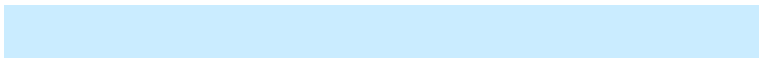
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.070, 76.124



92, 19.070, 126.124



92, 19.070, 256.124



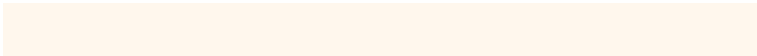
92, 19.070, 306.124

Sweetspot

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



92, 19.071, 76.133



98, 5.677, 78.119



85, 25.353, 347.604



52, 3.694, 78.048



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, 19.071, 76.133



91, 22.841, 75.576



99, 29.244, 109.388



51, 4.636, 77.819



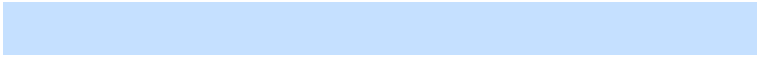
53, 67.804, 63.419



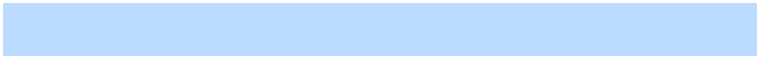
17, 27.042, 65.300

Inverse Universe

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



88, 18.169, 262.516



86, 21.541, 263.310



81, 30.860, 293.994



50, 4.557, 260.397



39, 62.438, 287.392



11, 25.260, 281.119

Previews

White Background



This preview shows how the CIE LCh color 92, 19.070, 76.124 looks on a white background.

Color Contrast Check

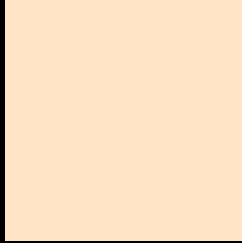
Large Text (above 18pt) WCAG AA × Fail

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, 19.070, 76.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

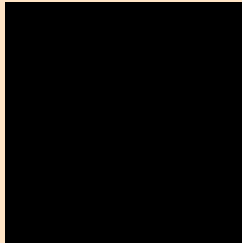
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.070, 76.124

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.070, 76.124.

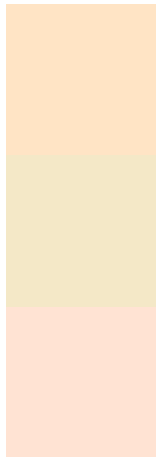


This preview shows how white text looks on a background with the CIELCh color 92, 19.070, 76.124.

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, 19.070, 76.124

Protanopia

92, 17.565, 93.834

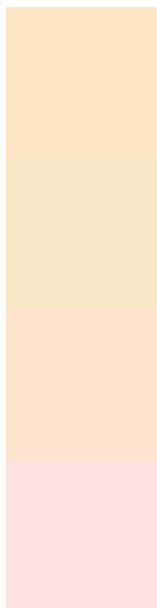
Deuteranopia

92, 13.358, 57.859



Tritanopia
92, 13.269, 347.394

Trichromacy



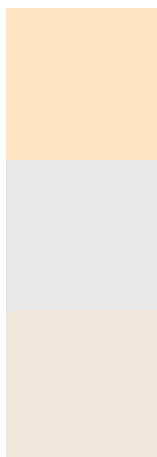
Original Color
92, 19.070, 76.124

Protanomaly
92, 18.174, 87.995

Deuteranomaly
92, 15.161, 65.162

Tritanomaly
92, 11.055, 25.446

Monochromacy



Original Color
92, 19.070, 76.124

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, 19.070, 76.124 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.070, 76.124 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, 197) }
```

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

```
.border{ border-color:rgb(255, 228, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.070, 76.124 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
228, 197) }
```

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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