

Converting Colors

CIELCh(95, 31.071, 50.736)

Have a look what the booklet for
CIELCh(95, 31.071, 50.736) contains.

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Color

CIELCh(92, 19.547, 74.204)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3C4
RGB	255, 227, 196
RGB Percent	100%, 89%, 77%
CMY	0.0000, 0.1082, 0.2299
CMYK	0.00, 0.11, 0.23, 0.00
HSL	32°, 100%, 89%
HSV	32°, 23%, 100%
XYZ	79.3676, 80.7044, 63.8442
YIQ	231.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

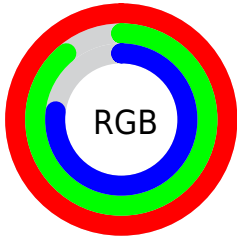
Format	Color
R_{YB}	249, 255, 196
Decimal	16769988
CIE Lab	92.00, 5.32, 18.81
CIE LCh	92, 19.547, 74.204
Yxy	80.7044, 0.3545, 0.3604
Android (android.graphics.Color)	4294960068 (0xFFFFE3C4)
YUV	231.8380, -17.6681, 20.3131
Hunter-Lab	89.8356, 0.4881, 20.7489

Details

The CIELCh color **92, 19.547, 74.204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.269, 262.030**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **72, 19.533, 75.576** is the 20% darker color. If you saturate the color by 10%, you get **88, 28.181, 74.274**, and if you desaturate by 10%, it is **95, 10.631, 76.867**.

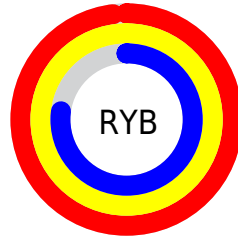
Distribution



Red (100%)

Green (89%)

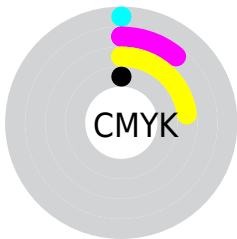
Blue (77%)



Red (98%)

Yellow (100%)

Blue (77%)

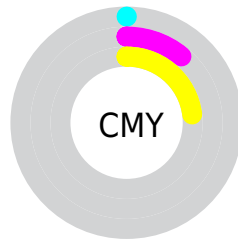


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 19.547, 74.204 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, 19.547, 74.204 by changing the saturation by 10% instead.

 92, 19.547, 74.204

 92, 19.547, 74.204

 100, 19.547,
74.204

 82, 19.547, 74.204

 72, 19.547, 74.204

 62, 19.547, 74.204

 52, 19.547, 74.204

 42, 19.547, 74.204

 32, 19.547, 74.204

 22, 19.547, 74.204

 12, 19.547, 74.204

 2, 19.547, 74.204

92, 19.547, 74.204

92, 19.547, 74.204

88, 28.181, 74.274

95, 10.631, 76.867

85, 37.495, 72.937

99, 2.390, 78.001

82, 47.103, 71.571

100, 0.012,
296.813

79, 56.841, 70.150

76, 66.348, 68.602

73, 74.924, 66.771

70, 81.458, 64.366

68, 84.576, 62.279

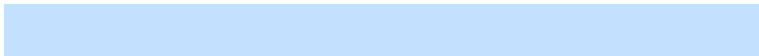
Harmonies

Complementary

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



92, 19.547, 74.204



88, 18.269, 262.030

Rectangle

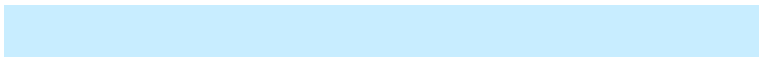
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.547, 74.204



92, 19.547, 124.204



92, 19.547, 254.204



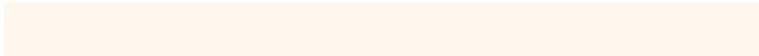
92, 19.547, 304.204

Sweetspot

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



92, 19.223, 75.588



97, 5.655, 77.596



85, 25.891, 346.664



52, 3.680, 77.526



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, 19.223, 75.588



90, 23.666, 74.933



99, 29.544, 108.650



51, 4.619, 77.298



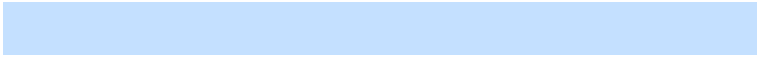
52, 67.922, 62.979



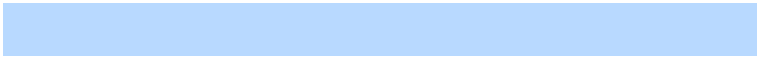
17, 27.031, 64.788

Inverse Universe

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



88, 18.269, 262.030



86, 22.212, 262.976



81, 31.198, 293.449



50, 4.536, 259.871



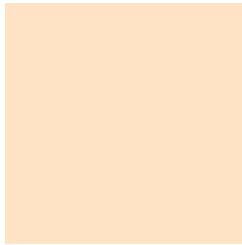
40, 61.822, 286.945



11, 25.030, 280.629

Previews

White Background



This preview shows how the CIE LCh color 92, 19.547, 74.204 looks on a white background.

Color Contrast Check

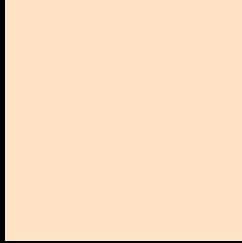
Large Text (above 18pt) WCAG AA × Fail

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, 19.547, 74.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

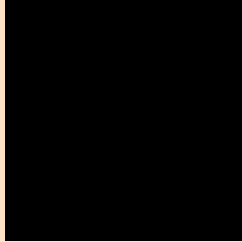
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.547, 74.204

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.547, 74.204.

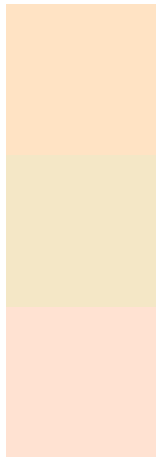


This preview shows how white text looks on a background with the CIELCh color 92, 19.547, 74.204.

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, 19.305, 75.154

Protanopia

92, 17.682, 92.631

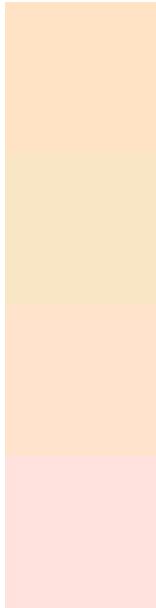
Deuteranopia

92, 13.675, 56.881



Tritanopia
92, 13.584, 348.265

Trichromacy



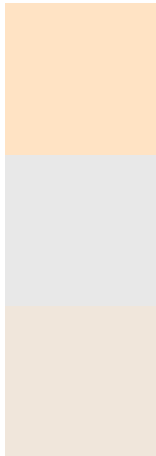
Original Color
92, 19.305, 75.154

Protanomaly
92, 18.332, 86.865

Deuteranomaly
92, 15.548, 66.407

Tritanomaly
92, 11.134, 28.063

Monochromacy



Original Color
92, 19.305, 75.154

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.728, 76.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.547, 74.204 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, 227, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 196)  
}
```

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, 227, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.547, 74.204 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, 227, 196) }
```

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

```
.border{ border-color:rgb(255, 227, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.547, 74.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 196) }
```

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

```
.background{ background-color: rgb(255,  
227, 196) }
```

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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