

Converting Colors

CIELCh(94, 32.815, 54.367)

Have a look what the booklet for
CIELCh(94, 32.815, 54.367) contains.

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Color

CIELCh(91, 22.474, 75.099)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BC
RGB	255, 224, 188
RGB Percent	100%, 88%, 74%
CMY	0.0000, 0.1211, 0.2624
CMYK	0.00, 0.12, 0.26, 0.00
HSL	32°, 100%, 87%
HSV	32°, 26%, 100%
XYZ	77.4355, 78.4833, 58.6880
YIQ	229.1650, 30.0320, -4.6240

Conversions

Conversions Part 2

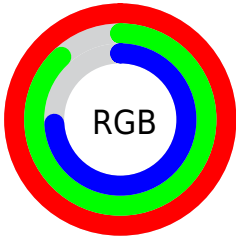
Format	Color
R _Y B	246, 255, 188
Decimal	16769212
CIE Lab	91.00, 5.78, 21.72
CIE LCh	91, 22.474, 75.099
Yxy	78.4833, 0.3608, 0.3657
Android (android.graphics.Color)	4294959292 (0xFFFFE0BC)
YUV	229.1650, -20.2943, 22.6573
Hunter-Lab	88.5908, 0.9895, 22.7362

Details

The CIELCh color **91, 22.474, 75.099** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.029, 263.569**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **71, 22.184, 75.509** is the 20% darker color. If you saturate the color by 10%, you get **88, 31.320, 74.735**, and if you desaturate by 10%, it is **94, 13.472, 77.371**.

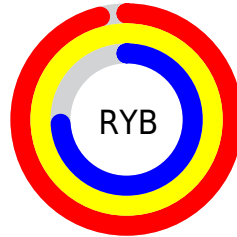
Distribution



Red (100%)

Green (88%)

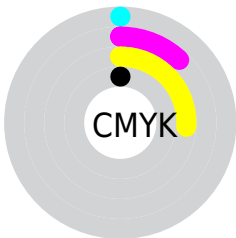
Blue (74%)



Red (96%)

Yellow (100%)

Blue (74%)

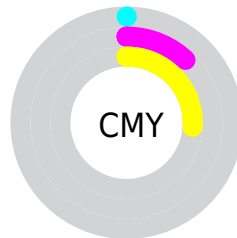


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 22.474, 75.099 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 91, 22.474, 75.099 by changing the saturation by 10% instead.

 91, 22.474, 75.099

 91, 22.474, 75.099

 100, 22.474,
75.099

 81, 22.474, 75.099

 71, 22.474, 75.099

 61, 22.474, 75.099

 51, 22.474, 75.099

 41, 22.474, 75.099

 31, 22.474, 75.099

 21, 22.474, 75.099

 11, 22.474, 75.099

 1, 22.474, 75.099

91, 22.474, 75.099

91, 22.474, 75.099

88, 31.320, 74.735

94, 13.472, 77.371

84, 40.746, 73.374

98, 5.071, 78.606

81, 50.407, 71.977

100, 0.012,
296.813

78, 60.080, 70.504

75, 69.306, 68.865

72, 77.244, 66.866

70, 82.727, 64.185

69, 84.300, 63.064

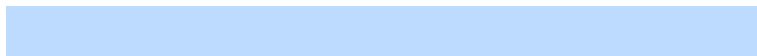
Harmonies

Complementary

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



91, 22.474, 75.099



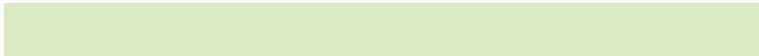
86, 21.029, 263.569

Rectangle

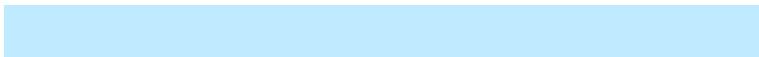
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 22.474, 75.099



91, 22.474, 125.099



91, 22.474, 255.099



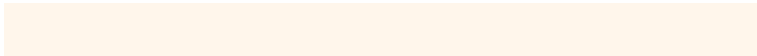
91, 22.474, 305.099

Sweetspot

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



91, 22.220, 76.068



97, 6.522, 78.401



83, 29.332, 347.989



51, 4.650, 78.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 22.220, 76.068



89, 26.505, 75.437



98, 33.677, 109.065



51, 4.650, 78.219



53, 67.716, 63.759



17, 27.052, 65.694

Inverse Universe

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



86, 21.029, 263.569



84, 24.805, 264.519



79, 35.872, 294.466



50, 4.573, 260.799



39, 62.914, 287.732



11, 25.438, 281.491

Previews

White Background



This preview shows how the CIE LCh color 91, 22.474, 75.099 looks on a white background.

Color Contrast Check

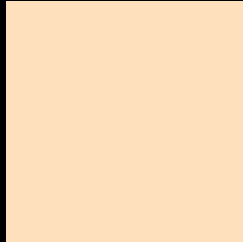
Large Text (above 18pt) WCAG AA × Fail

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 91, 22.474, 75.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

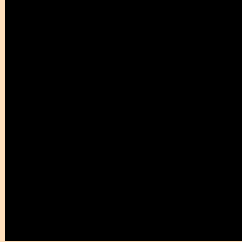
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 22.474, 75.099

Background



This preview shows how black text looks on a background with the CIELCh color 91, 22.474, 75.099.

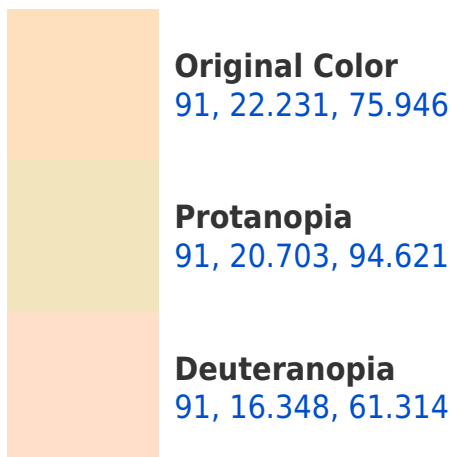



This preview shows how white text looks on a background with the CIELCh color 91, 22.474, 75.099.

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
91, 14.550, 350.672

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 22.474, 75.099 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, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 188)  
}
```

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, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 22.474, 75.099 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, 224, 188) }
```

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

```
.border{ border-color:rgb(255, 224, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 22.474, 75.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 188) }
```

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

```
.background{ background-color: rgb(255,  
224, 188) }
```

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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