

Converting Colors

CIELCh(91, 22.474, 75.099)

Have a look what the booklet for
CIELCh(91, 22.474, 75.099) contains.

CIELCh(91, 22.231, 75.946)	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(91, 22.231, 75.946)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BC
RGB	255, 224, 188
RGB Percent	100%, 88%, 74%
CMY	0.0000, 0.1201, 0.2614
CMYK	0.00, 0.12, 0.26, 0.00
HSL	32°, 100%, 87%
HSV	32°, 26%, 100%
XYZ	77.2463, 78.4833, 58.8533
YIQ	229.1650, 30.0320, -4.6240

Conversions

Conversions Part 2

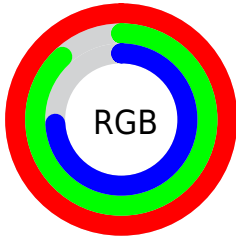
Format	Color
R _Y B	246, 255, 188
Decimal	16769212
CIE Lab	91.00, 5.40, 21.57
CIE LCh	91, 22.231, 75.946
Yxy	78.4833, 0.3600, 0.3657
Android (android.graphics.Color)	4294959292 (0xFFFFE0BC)
YUV	229.1650, -20.2943, 22.6573
Hunter-Lab	88.5908, 0.6082, 22.6256

Details

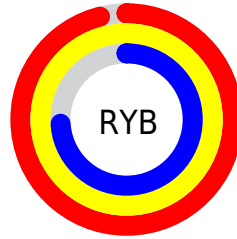
The CIELCh color **91, 22.231, 75.946** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 20.985, 263.743**, and the grayscale version is **91, 0.011, 296.813**.

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, 31.251, 74.936**, and if you desaturate by 10%, it is **94, 13.398, 77.576**.

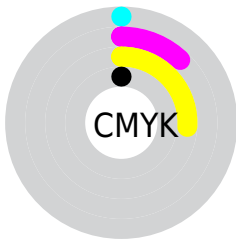
Distribution



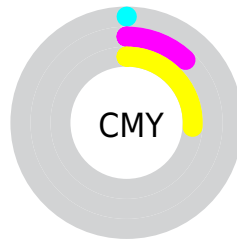
- Red (100%)
- Green (88%)
- Blue (74%)



- 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, 22.231, 75.946 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, 22.231, 75.946 by changing the saturation by 10% instead.

 91, 22.231, 75.946

 91, 22.231, 75.946

 100, 22.231,
75.946

 81, 22.231, 75.946

 71, 22.231, 75.946

 61, 22.231, 75.946

 51, 22.231, 75.946

 41, 22.231, 75.946

 31, 22.231, 75.946

 21, 22.231, 75.946

 11, 22.231, 75.946

 1, 22.231, 75.946

91, 22.231, 75.946

91, 22.231, 75.946

88, 31.251, 74.936

94, 13.398, 77.576

84, 40.677, 73.573

98, 4.989, 78.811

81, 50.333, 72.172

100, 0.012,
296.813

78, 59.999, 70.697

75, 69.218, 69.056

73, 77.152, 67.058

70, 82.639, 64.385

69, 84.244, 63.230

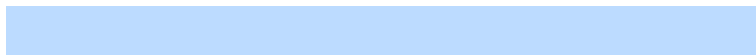
Harmonies

Complementary

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



91, 22.231, 75.946



86, 20.985, 263.743

Rectangle

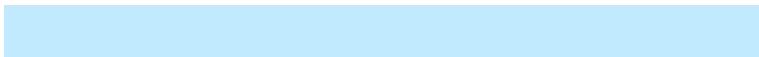
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 22.231, 75.946



91, 22.231, 125.946



91, 22.231, 255.946



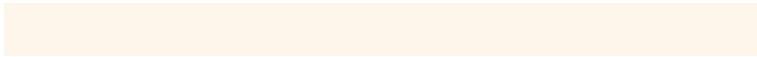
91, 22.231, 305.946

Sweetspot

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



91, 22.150, 76.271



97, 6.532, 78.593



83, 29.209, 347.977



51, 4.657, 78.411



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, 22.150, 76.271



89, 26.534, 75.625



98, 33.541, 109.075



51, 4.657, 78.411



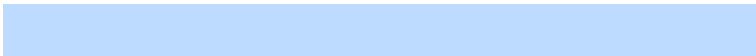
53, 67.674, 63.924



17, 27.057, 65.885

Inverse Universe

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



86, 20.985, 263.743



84, 24.857, 264.713



79, 35.717, 294.451



50, 4.581, 260.992



39, 63.145, 287.895



11, 25.524, 281.670

Previews

White Background



This preview shows how the CIE LCh color 91, 22.231, 75.946 looks on a white background.

Color Contrast Check

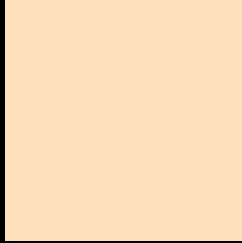
Large Text (above 18pt) WCAG AA × Fail

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, 22.231, 75.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

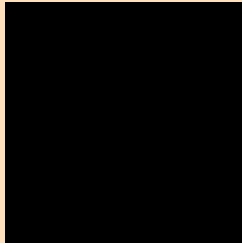
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 22.231, 75.946

Background



This preview shows how black text looks on a background with the CIELCh color 91, 22.231, 75.946.

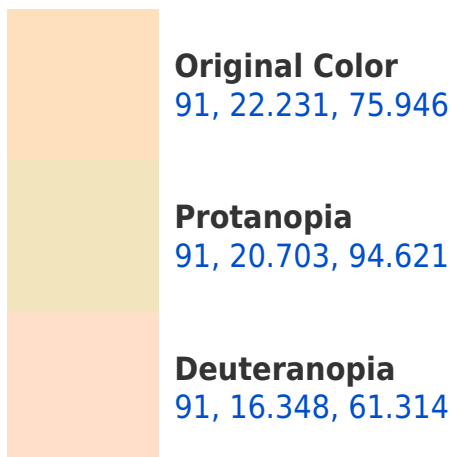



This preview shows how white text looks on a background with the CIELCh color 91, 22.231, 75.946.

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](#).

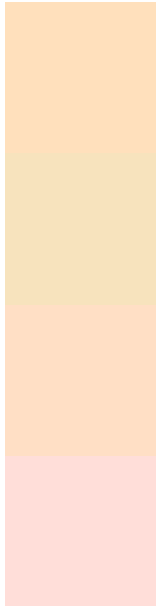
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



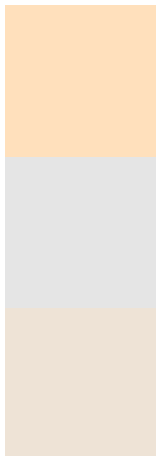
Original Color
91, 22.231, 75.946

Protanomaly
91, 21.085, 87.157

Deuteranomaly
91, 18.254, 66.975

Tritanomaly
91, 12.503, 32.059

Monochromacy



Original Color
91, 22.231, 75.946

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.826, 78.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 22.231, 75.946 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, 22.231, 75.946 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, 22.231, 75.946 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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