

Converting Colors

CIELCh(91, 22.145, 77.110)

Have a look what the booklet for
CIELCh(91, 22.145, 77.110) contains.

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Color

CIELCh(91, 22.443, 77.426)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1BC
RGB	255, 225, 188
RGB Percent	100%, 88%, 74%
CMY	0.0013, 0.1189, 0.2640
CMYK	0.00, 0.12, 0.26, 0.00
HSL	33°, 99%, 87%
HSV	33°, 26%, 100%
XYZ	76.9920, 78.4833, 58.4865
YIQ	229.7520, 29.7570, -5.1470

Conversions

Conversions Part 2

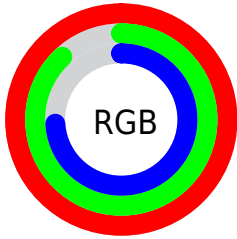
Format	Color
RYB	242, 255, 188
Decimal	16769468
CIELab	91.00, 4.89, 21.90
CIELCh	91, 22.443, 77.426
Yxy	78.4833, 0.3598, 0.3668
Android (android.graphics.Color)	4294959548 (0xFFFFE1BC)
YUV	229.7520, -20.5837, 22.1425
Hunter-Lab	88.5908, 0.0958, 22.8711

Details

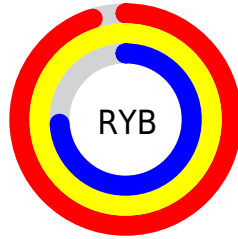
The CIELCh color **91, 22.443, 77.426** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.365, 264.986**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **71, 22.396, 77.069** is the 20% darker color. If you saturate the color by 10%, you get **88, 31.576, 76.084**, and if you desaturate by 10%, it is **94, 13.642, 78.749**.

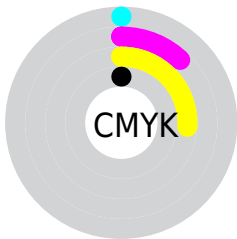
Distribution



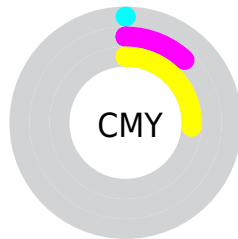
- Red (100%)
- Green (88%)
- Blue (74%)



- Red (95%)
- 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, 22.443, 77.426 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, 22.443, 77.426 by changing the saturation by 10% instead.

 91, 22.443, 77.426

 91, 22.443, 77.426

 100, 22.443,
77.426

 81, 22.443, 77.426

 71, 22.443, 77.426

 61, 22.443, 77.426

 51, 22.443, 77.426

 41, 22.443, 77.426

 31, 22.443, 77.426

 21, 22.443, 77.426

 11, 22.443, 77.426

 1, 22.443, 77.426

91, 22.443, 77.426

91, 22.443, 77.426

88, 31.576, 76.084

94, 13.642, 78.749

85, 41.008, 74.705

98, 5.169, 79.996

82, 50.640, 73.283

100, 0.119,
204.990

79, 60.240, 71.783

76, 69.339, 70.114

73, 77.090, 68.088

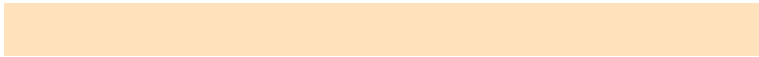
70, 82.350, 65.398

70, 83.824, 64.294

Harmonies

Complementary

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



91, 22.443, 77.426



86, 21.365, 264.986

Rectangle

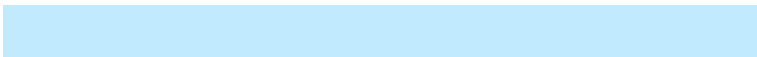
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 22.443, 77.426



91, 22.443, 127.426



91, 22.443, 257.426



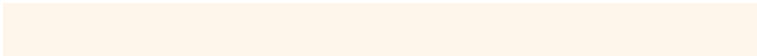
91, 22.443, 307.426

Sweetspot

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



91, 22.444, 77.434



97, 6.594, 79.795



83, 29.082, 348.988



51, 4.700, 79.611



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

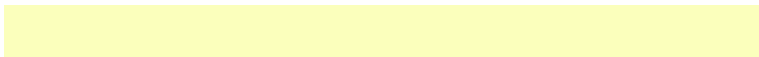
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 22.444, 77.434



89, 27.639, 76.668



98, 33.728, 109.783



51, 4.700, 79.611



53, 67.426, 64.978



17, 27.097, 67.091

Inverse Universe

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



86, 21.365, 264.986



83, 26.000, 266.134



79, 35.927, 295.036



50, 4.632, 262.199



38, 64.613, 288.899



11, 26.076, 282.774

Previews

White Background



This preview shows how the CIE LCh color 91, 22.443, 77.426 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 91, 22.443, 77.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

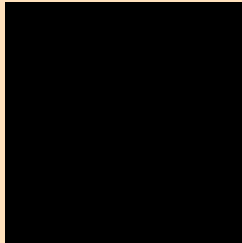
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 22.443, 77.426

Background



This preview shows how black text looks on a background with the CIELCh color 91, 22.443, 77.426.



This preview shows how white text looks on a background with the CIELCh color 91, 22.443, 77.426.

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


91, 22.443, 77.426

Protanopia

91, 20.703, 94.621

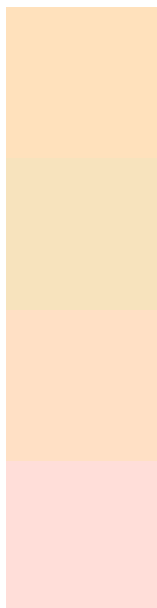
Deuteranopia

91, 16.348, 61.314



Tritanopia
91, 14.550, 350.672

Trichromacy



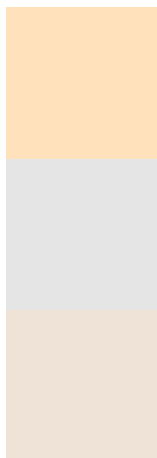
Original Color
91, 22.443, 77.426

Protanomaly
91, 21.085, 87.157

Deuteranomaly
91, 18.378, 68.869

Tritanomaly
91, 12.503, 32.059

Monochromacy



Original Color
91, 22.443, 77.426

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, 22.443, 77.426 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, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 22.443, 77.426 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, 225, 188) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 22.443, 77.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 188) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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