

Converting Colors

CIELCh(91, 22.253, 77.836)

Have a look what the booklet for
CIELCh(91, 22.253, 77.836) contains.

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Color

CIELCh(91, 22.236, 78.283)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1BC
RGB	254, 225, 188
RGB Percent	100%, 88%, 74%
CMY	0.0043, 0.1180, 0.2631
CMYK	0.00, 0.11, 0.26, 0.00
HSL	34°, 97%, 87%
HSV	34°, 26%, 100%
XYZ	76.8087, 78.4833, 58.6292
YIQ	229.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

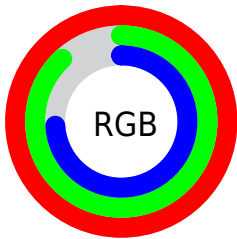
Format	Color
R _Y B	240, 254, 188
Decimal	16703932
CIE Lab	91.00, 4.52, 21.77
CIE LCh	91, 22.236, 78.283
Yxy	78.4833, 0.3591, 0.3669
Android (android.graphics.Color)	4294894012 (0xFFFE1BC)
YUV	229.4530, -20.4363, 21.5277
Hunter-Lab	88.5908, -0.2736, 22.7756

Details

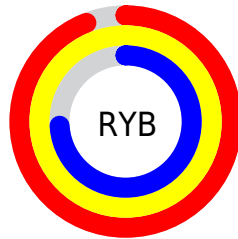
The CIELCh color **91, 22.236, 78.283** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.256, 265.754**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **71, 22.172, 77.983** is the 20% darker color. If you saturate the color by 10%, you get **88, 31.364, 76.935**, and if you desaturate by 10%, it is **94, 13.427, 79.610**.

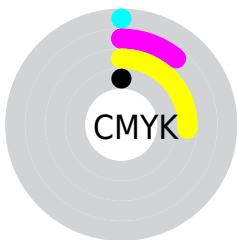
Distribution



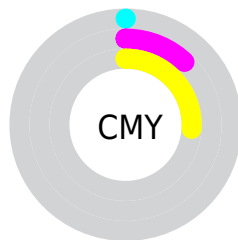
- Red (100%)
- Green (88%)
- Blue (74%)



- Red (94%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 22.236, 78.283 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, 22.236, 78.283 by changing the saturation by 10% instead.

 91, 22.236, 78.283

 91, 22.236, 78.283

 100, 22.236,
78.283

 81, 22.236, 78.283

 71, 22.236, 78.283

 61, 22.236, 78.283

 51, 22.236, 78.283

 41, 22.236, 78.283

 31, 22.236, 78.283

 21, 22.236, 78.283

 11, 22.236, 78.283

 1, 22.236, 78.283

91, 22.236, 78.283

91, 22.236, 78.283

88, 31.364, 76.935

94, 13.427, 79.610

85, 40.777, 75.547

98, 4.934, 80.858

82, 50.373, 74.115

100, 0.379,
201.130

79, 59.923, 72.605

76, 68.962, 70.929

73, 76.656, 68.909

71, 81.881, 66.247

70, 83.422, 65.050

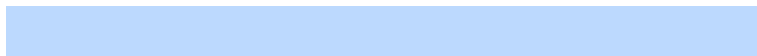
Harmonies

Complementary

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



91, 22.236, 78.283



86, 21.256, 265.754

Rectangle

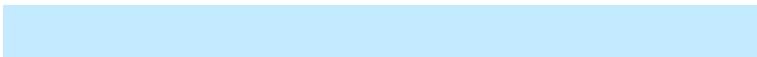
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 22.236, 78.283



91, 22.236, 128.283



91, 22.236, 258.283



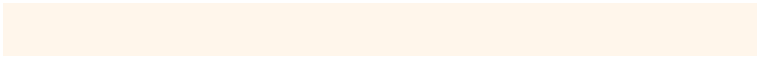
91, 22.236, 308.283

Sweetspot

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



91, 22.237, 78.291



97, 6.639, 80.620



83, 28.664, 348.952



51, 4.732, 80.436



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, 22.237, 78.291



90, 26.864, 77.615



98, 33.257, 109.811



51, 4.732, 80.436



54, 67.269, 65.722



17, 27.133, 67.931

Inverse Universe

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



86, 21.256, 265.754



83, 25.432, 266.752



79, 35.395, 294.994



50, 4.668, 263.026



38, 65.646, 289.575



11, 26.466, 283.521

Previews

White Background



This preview shows how the CIE LCh color 91, 22.236, 78.283 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, 22.236, 78.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

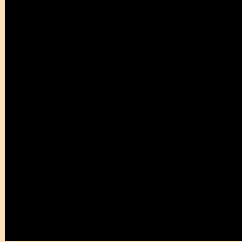
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 22.236, 78.283

Background



This preview shows how black text looks on a background with the CIELCh color 91, 22.236, 78.283.



This preview shows how white text looks on a background with the CIELCh color 91, 22.236, 78.283.


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

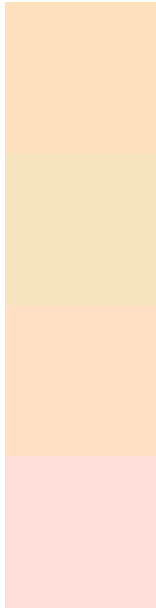


Original Color
91, 22.236, 78.283
Protanopia
91, 20.703, 94.621
Deuteranopia
91, 16.348, 61.314



Tritanopia
91, 14.550, 350.672

Trichromacy



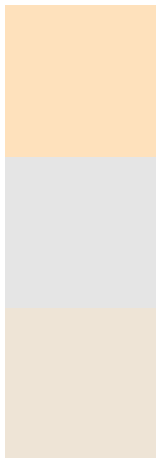
Original Color
91, 22.236, 78.283

Protanomaly
91, 21.279, 89.548

Deuteranomaly
91, 18.378, 68.869

Tritanomaly
91, 12.503, 32.059

Monochromacy



Original Color
91, 22.236, 78.283

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.096, 82.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 22.236, 78.283 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(254, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 22.236, 78.283 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(254, 225, 188) }
```

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

```
.border{ border-color:rgb(254, 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(254, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 22.236, 78.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 188) }
```

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

```
.background{ background-color: rgb(254,  
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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