

Converting Colors

CIELCh(91, 22.059, 76.179)

Have a look what the booklet for
CIELCh(91, 22.059, 76.179) contains.

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Color

CIELCh(91, 21.788, 75.292)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BD
RGB	255, 224, 189
RGB Percent	100%, 88%, 74%
CMY	0.0000, 0.1203, 0.2576
CMYK	0.00, 0.12, 0.26, 0.00
HSL	32°, 100%, 87%
HSV	32°, 26%, 100%
XYZ	77.3125, 78.4833, 59.3876
YIQ	229.2790, 29.7110, -4.3130

Conversions

Conversions Part 2

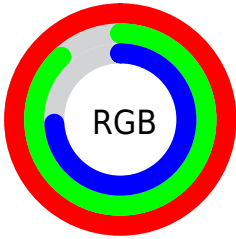
Format	Color
R _Y B	247, 255, 189
Decimal	16769213
CIE Lab	91.00, 5.53, 21.07
CIE LCh	91, 21.788, 75.292
Yxy	78.4833, 0.3593, 0.3647
Android (android.graphics.Color)	4294959293 (0xFFFFE0BD)
YUV	229.2790, -19.8575, 22.5573
Hunter-Lab	88.5908, 0.7417, 22.2680

Details

The CIELCh color **91, 21.788, 75.292** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.528, 262.901**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **71, 21.718, 74.835** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.786, 74.246**, and if you desaturate by 10%, it is **94, 13.011, 76.866**.

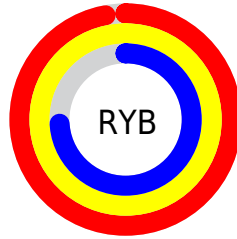
Distribution



Red (100%)

Green (88%)

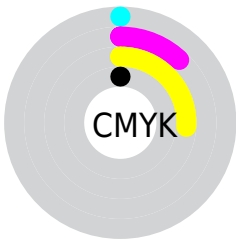
Blue (74%)



Red (97%)

Yellow (100%)

Blue (74%)

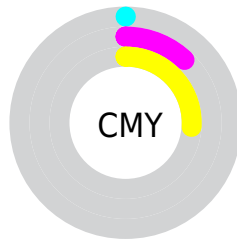


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 21.788, 75.292 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, 21.788, 75.292 by changing the saturation by 10% instead.

 91, 21.788, 75.292

 91, 21.788, 75.292

 100, 21.788,
75.292

 81, 21.788, 75.292

 71, 21.788, 75.292

 61, 21.788, 75.292

 51, 21.788, 75.292

 41, 21.788, 75.292

 31, 21.788, 75.292

 21, 21.788, 75.292

 11, 21.788, 75.292

 1, 21.788, 75.292

91, 21.788, 75.292

91, 21.788, 75.292

88, 30.786, 74.246

94, 13.011, 76.866

84, 40.194, 72.896

98, 4.656, 78.089

81, 49.855, 71.512

100, 0.012,
296.813

78, 59.561, 70.057

75, 68.870, 68.443

72, 76.962, 66.479

70, 82.668, 63.845

69, 84.469, 62.576

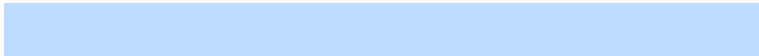
Harmonies

Complementary

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



91, 21.788, 75.292



87, 20.528, 262.901

Rectangle

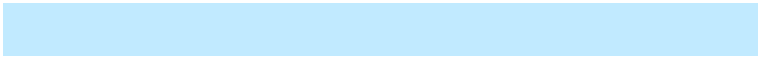
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 21.788, 75.292



91, 21.788, 125.292



91, 21.788, 255.292



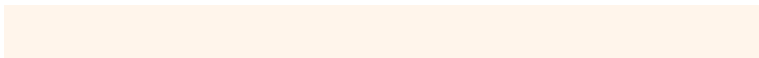
91, 21.788, 305.292

Sweetspot

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



91, 21.718, 75.571



97, 6.494, 77.831



83, 29.075, 346.963



51, 4.630, 77.650



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, 21.718, 75.571



89, 26.421, 74.881



99, 33.062, 108.386



51, 4.630, 77.650



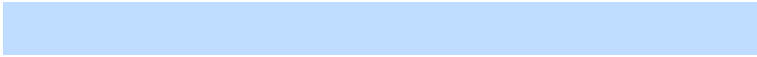
53, 67.842, 63.275



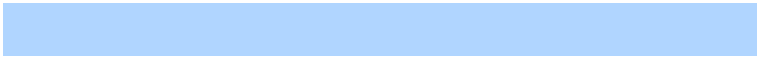
17, 27.038, 65.133

Inverse Universe

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



87, 20.528, 262.901



84, 24.654, 263.942



79, 35.173, 293.836



50, 4.550, 260.226



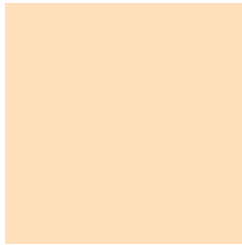
40, 62.236, 287.247



11, 25.185, 280.960

Previews

White Background



This preview shows how the CIE LCh color 91, 21.788, 75.292 looks on a white background.

Color Contrast Check

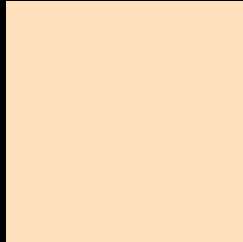
Large Text (above 18pt) WCAG AA × Fail

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, 21.788, 75.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

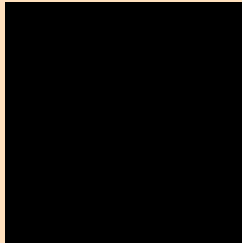
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.788, 75.292

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.788, 75.292.



This preview shows how white text looks on a background with the CIELCh color 91, 21.788, 75.292.

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, 21.788, 75.292

Protanopia

91, 20.203, 94.333

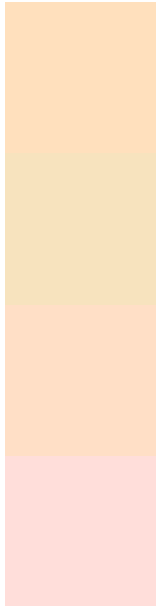
Deuteranopia

91, 15.990, 60.017



Tritanopia
91, 14.550, 350.672

Trichromacy



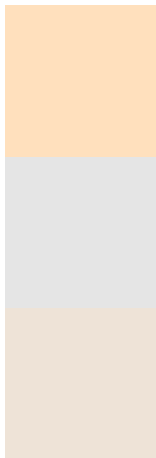
Original Color
91, 21.788, 75.292

Protanomaly
91, 20.603, 86.705

Deuteranomaly
91, 17.859, 65.945

Tritanomaly
91, 12.385, 29.759

Monochromacy



Original Color
91, 21.788, 75.292

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.384, 76.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.788, 75.292 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.788, 75.292 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, 189) }
```

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

```
.border{ border-color:rgb(255, 224, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 189); box-shadow:4px 4px 4px 4px rgb(255, 224, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.788, 75.292 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
224, 189) }
```

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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