

Converting Colors

CIELCh(90, 22.900, 71.961)

Have a look what the booklet for
CIELCh(90, 22.900, 71.961) contains.

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Color

CIELCh(90, 22.808, 71.974)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCB9
RGB	255, 220, 185
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1354, 0.2727
CMYK	0.00, 0.14, 0.27, 0.00
HSL	30°, 100%, 86%
HSV	30°, 27%, 100%
XYZ	75.9372, 76.3034, 56.8742
YIQ	226.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

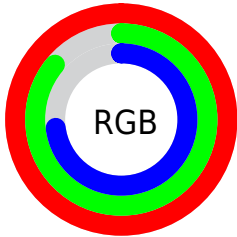
Format	Color
R _Y B	255, 255, 185
Decimal	16768185
CIE Lab	90.00, 7.06, 21.69
CIE LCh	90, 22.808, 71.974
Yxy	76.3034, 0.3631, 0.3649
Android (android.graphics.Color)	4294958265 (0xFFFFDCB9)
YUV	226.4750, -20.4472, 25.0164
Hunter-Lab	87.3518, 2.3090, 22.5429

Details

The CIELCh color **90, 22.808, 71.974** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.078, 260.041**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **70, 22.585, 72.126** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.754, 71.083**, and if you desaturate by 10%, it is **94, 14.035, 73.621**.

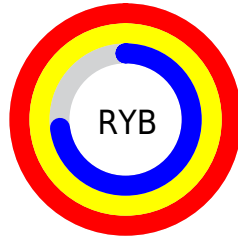
Distribution



Red (100%)

Green (86%)

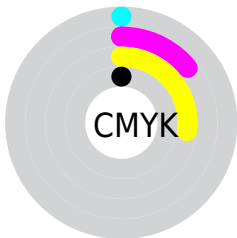
Blue (73%)



Red (100%)

Yellow (100%)

Blue (73%)

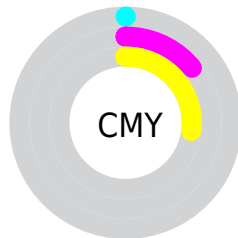


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 22.808, 71.974 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 90, 22.808, 71.974 by changing the saturation by 10% instead.

 90, 22.808, 71.974

 90, 22.808, 71.974

 100, 22.808,
71.974

 80, 22.808, 71.974

 70, 22.808, 71.974

 60, 22.808, 71.974

 50, 22.808, 71.974

 40, 22.808, 71.974

 30, 22.808, 71.974

 20, 22.808, 71.974

 10, 22.808, 71.974

 0, 22.808, 71.974

90, 22.808, 71.974

90, 22.808, 71.974

86, 31.754, 71.083

94, 14.035, 73.621

83, 41.204, 69.789

97, 5.772, 74.829

80, 50.958, 68.470

100, 0.012,
296.813

76, 60.796, 67.082

73, 70.251, 65.521

71, 78.441, 63.564

68, 84.166, 60.861

67, 85.468, 60.074

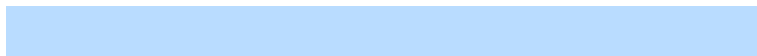
Harmonies

Complementary

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



90, 22.808, 71.974



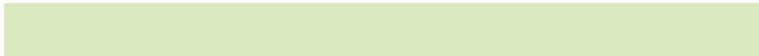
86, 21.078, 260.041

Rectangle

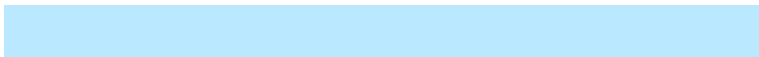
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 22.808, 71.974



90, 22.808, 121.974



90, 22.808, 251.974



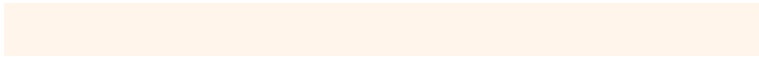
90, 22.808, 301.974

Sweetspot

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



90, 22.691, 72.362



97, 6.359, 74.746



83, 31.115, 346.175



51, 4.536, 74.570



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 22.691, 72.362



88, 27.831, 71.631



99, 34.960, 107.514



51, 4.536, 74.570



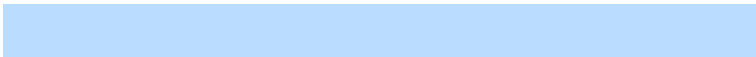
51, 68.593, 60.783



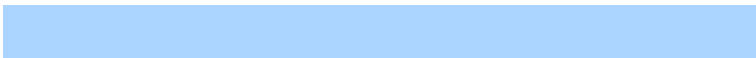
16, 27.009, 62.178

Inverse Universe

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



86, 21.078, 260.041



84, 25.404, 261.209



78, 37.347, 293.500



51, 4.437, 257.109



41, 58.721, 284.530



12, 23.884, 278.003

Previews

White Background



This preview shows how the CIE LCh color 90, 22.808, 71.974 looks on a white background.

Color Contrast Check

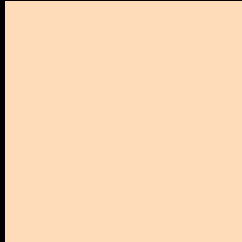
Large Text (above 18pt) WCAG AA × Fail

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 90, 22.808, 71.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

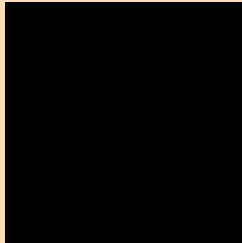
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 22.808, 71.974

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.808, 71.974.



This preview shows how white text looks on a background with the CIELCh color 90, 22.808, 71.974.

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

90, 22.808, 71.974

Protanopia

90, 20.253, 94.301

Deuteranopia

90, 18.375, 62.283



Tritanopia
90, 15.883, 353.466

Trichromacy



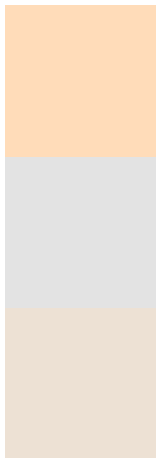
Original Color
90, 22.808, 71.974

Protanomaly
90, 20.809, 85.677

Deuteranomaly
90, 19.913, 66.330

Tritanomaly
90, 13.936, 28.831

Monochromacy



Original Color
90, 22.808, 71.974

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.039, 76.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.808, 71.974 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, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 185)  
}
```

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, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.808, 71.974 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, 220, 185) }
```

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

```
.border{ border-color:rgb(255, 220, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 185); box-shadow:4px 4px 4px 4px rgb(255, 220, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.808, 71.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 185) }
```

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

```
.background{ background-color: rgb(255,  
220, 185) }
```

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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