

Converting Colors

CIELCh(90, 22.091, 72.076)

Have a look what the booklet for
CIELCh(90, 22.091, 72.076) contains.

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Color

CIELCh(90, 22.115, 72.073)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDBB
RGB	255, 221, 187
RGB Percent	100%, 87%, 73%
CMY	0.0014, 0.1346, 0.2679
CMYK	0.00, 0.13, 0.27, 0.00
HSL	30°, 99%, 87%
HSV	30°, 27%, 100%
XYZ	75.8141, 76.3034, 57.5625
YIQ	227.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

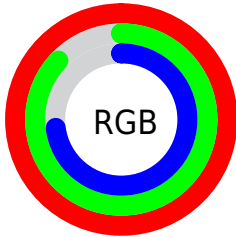
Format	Color
R _Y B	255, 255, 187
Decimal	16768443
CIE Lab	90.00, 6.81, 21.04
CIE LCh	90, 22.115, 72.073
Yxy	76.3034, 0.3616, 0.3639
Android (android.graphics.Color)	4294958523 (0xFFFFDDBB)
YUV	227.2900, -19.8630, 24.3017
Hunter-Lab	87.3518, 2.0575, 22.0757

Details

The CIELCh color **90, 22.115, 72.073** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.547, 259.554**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **70, 21.841, 72.280** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.139, 70.810**, and if you desaturate by 10%, it is **94, 13.503, 73.333**.

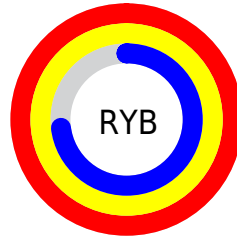
Distribution



Red (100%)

Green (87%)

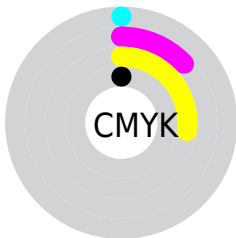
Blue (73%)



Red (100%)

Yellow (100%)

Blue (73%)

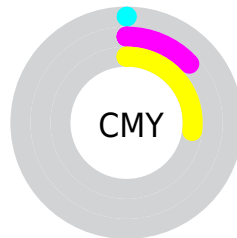


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (0%)



Cyan (0%)

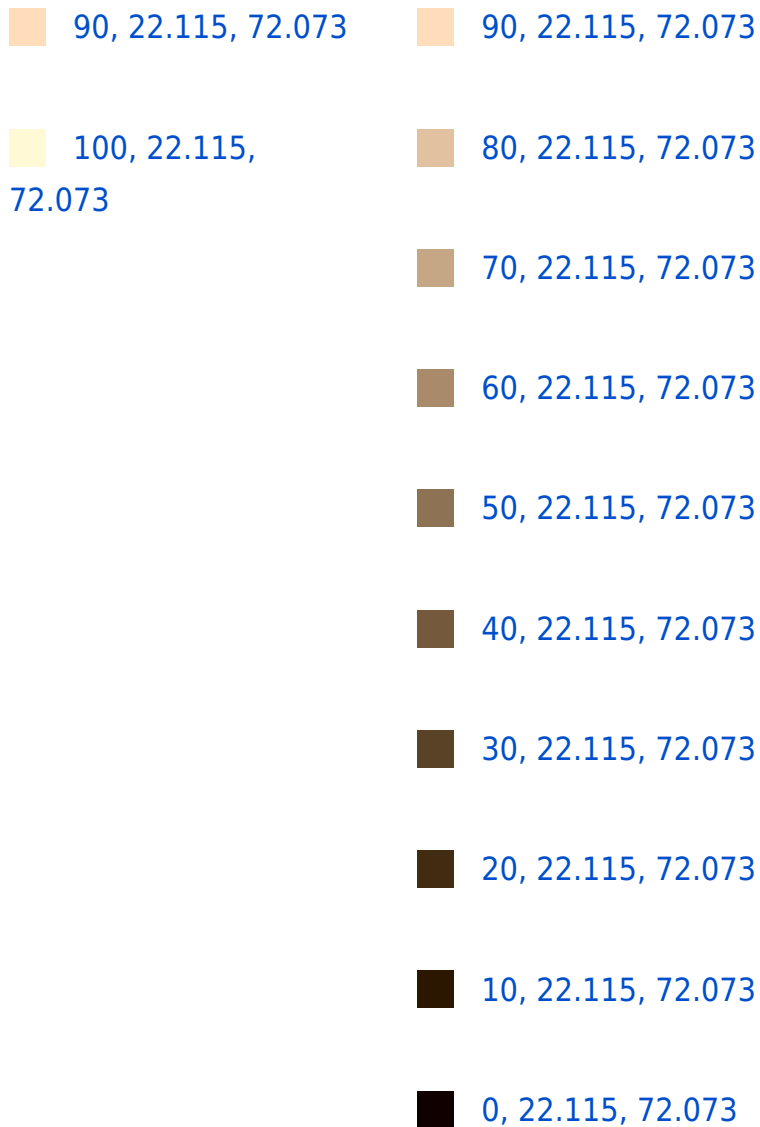
Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 22.115, 72.073 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, 22.115, 72.073 by changing the saturation by 10% instead.



90, 22.115, 72.073

90, 22.115, 72.073

86, 31.139, 70.810

94, 13.503, 73.333

83, 40.558, 69.526

97, 5.286, 74.529

80, 50.296, 68.218

100, 0.121,
204.894

76, 60.147, 66.848

73, 69.664, 65.315

70, 77.995, 63.403

68, 83.918, 60.754

67, 85.503, 59.796

Harmonies

Complementary

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



90, 22.115, 72.073



87, 20.547, 259.554

Rectangle

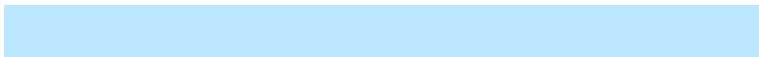
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 22.115, 72.073



90, 22.115, 122.073



90, 22.115, 252.073



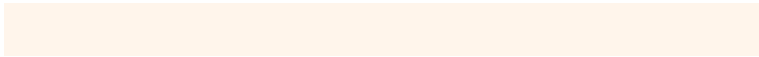
90, 22.115, 302.073

Sweetspot

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



90, 22.115, 72.081



97, 6.345, 74.381



83, 30.411, 346.112



51, 4.526, 74.206



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, 22.115, 72.081



88, 26.882, 71.408



98, 34.191, 107.571



51, 4.526, 74.206



51, 68.689, 60.503



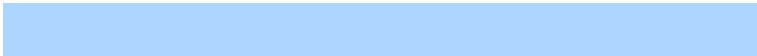
16, 27.010, 61.839

Inverse Universe

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



87, 20.547, 259.554



84, 24.566, 260.620



78, 36.467, 293.412



51, 4.425, 256.740



41, 58.323, 284.199



12, 23.738, 277.645

Previews

White Background



This preview shows how the CIE LCh color 90, 22.115, 72.073 looks on a white background.

Color Contrast Check

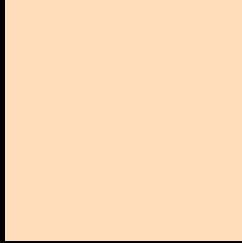
Large Text (above 18pt) WCAG AA × Fail

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 90, 22.115, 72.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

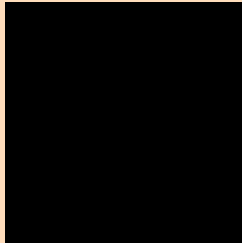
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 22.115, 72.073

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.115, 72.073.



This preview shows how white text looks on a background with the CIELCh color 90, 22.115, 72.073.

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, 22.115, 72.073

Protanopia

90, 19.753, 93.997

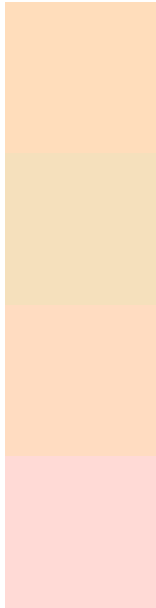
Deuteranopia

90, 18.375, 62.283



Tritanopia
90, 15.883, 353.466

Trichromacy



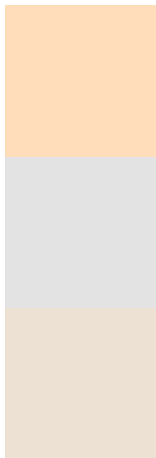
Original Color
90, 22.115, 72.073

Protanomaly
90, 20.330, 85.184

Deuteranomaly
90, 19.519, 65.381

Tritanomaly
90, 13.936, 28.831

Monochromacy



Original Color
90, 22.115, 72.073

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, 22.115, 72.073 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, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 187)  
}
```

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, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.115, 72.073 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, 221, 187) }
```

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

```
.border{ border-color:rgb(255, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 187); box-shadow:4px 4px 4px 4px rgb(255, 221, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.115, 72.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 187) }
```

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

```
.background{ background-color: rgb(255,  
221, 187) }
```

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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