

Converting Colors

CIELCh(90, 21.206, 73.000)

Have a look what the booklet for
CIELCh(90, 21.206, 73.000) contains.

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Color

CIELCh(90, 21.206, 73.000)

Conversions

Conversions Part 1

Format	Color
Hex	FDDDBC
RGB	253, 221, 188
RGB Percent	99%, 87%, 74%
CMY	0.0074, 0.1329, 0.2624
CMYK	0.00, 0.13, 0.26, 0.01
HSL	30°, 94%, 87%
HSV	30°, 26%, 99%
XYZ	75.5167, 76.3034, 58.3799
YIQ	226.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

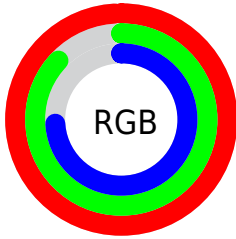
Format	Color
R _Y B	251, 253, 188
Decimal	16637372
CIE Lab	90.00, 6.20, 20.28
CIE LCh	90, 21.206, 73.000
Yxy	76.3034, 0.3593, 0.3630
Android (android.graphics.Color)	4294827452 (0xFFFDDBC)
YUV	226.8060, -19.1314, 22.9721
Hunter-Lab	87.3518, 1.4499, 21.5209

Details

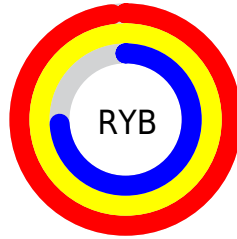
The CIELCh color **90, 21.206, 73.000** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.831, 260.202**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **70, 21.129, 72.417** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.158, 71.724**, and if you desaturate by 10%, it is **94, 12.652, 74.270**.

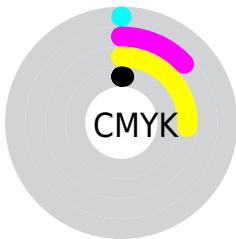
Distribution



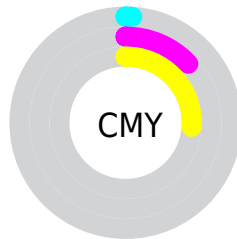
- Red (99%)
- Green (87%)
- Blue (74%)



- Red (98%)
- Yellow (99%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 21.206, 73.000 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, 21.206, 73.000 by changing the saturation by 10% instead.

 90, 21.206, 73.000

 90, 21.206, 73.000

 100, 21.206,
73.000

 80, 21.206, 73.000

 70, 21.206, 73.000

 60, 21.206, 73.000

 50, 21.206, 73.000

 40, 21.206, 73.000

 30, 21.206, 73.000

 20, 21.206, 73.000

 10, 21.206, 73.000

 0, 21.206, 73.000

90, 21.206, 73.000

90, 21.206, 73.000

86, 30.158, 71.724

94, 12.652, 74.270

83, 39.494, 70.424

97, 4.478, 75.461

80, 49.140, 69.099

100, 0.659,
200.370

77, 58.908, 67.715

74, 68.378, 66.179

71, 76.749, 64.294

68, 82.826, 61.717

67, 84.824, 60.445

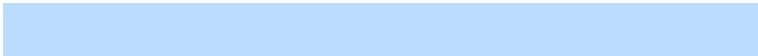
Harmonies

Complementary

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



90, 21.206, 73.000



87, 19.831, 260.202

Rectangle

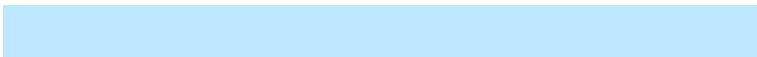
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 21.206, 73.000



90, 21.206, 123.000



90, 21.206, 253.000



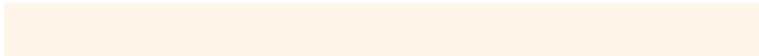
90, 21.206, 303.000

Sweetspot

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



90, 21.206, 73.008



97, 6.378, 75.201



83, 29.099, 346.002



51, 4.549, 75.024



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, 21.206, 73.008



89, 26.074, 72.326



98, 32.755, 107.670



51, 4.549, 75.024



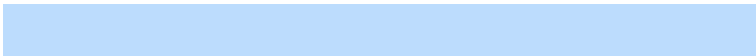
51, 68.476, 61.137



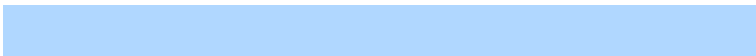
16, 27.009, 62.604

Inverse Universe

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



87, 19.831, 260.202



84, 24.003, 261.256



78, 34.837, 293.261



51, 4.453, 257.570



41, 59.223, 284.941



12, 24.068, 278.448

Previews

White Background



This preview shows how the CIE LCh color 90, 21.206, 73.000 looks on a white background.

Color Contrast Check

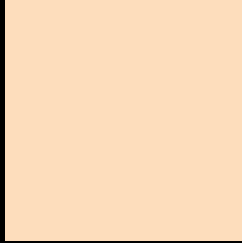
Large Text (above 18pt) WCAG AA × Fail

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, 21.206, 73.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

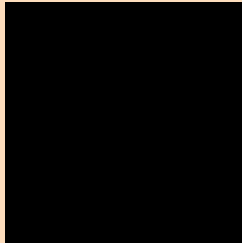
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 21.206, 73.000

Background



This preview shows how black text looks on a background with the CIELCh color 90, 21.206, 73.000.



This preview shows how white text looks on a background with the CIELCh color 90, 21.206, 73.000.

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, 21.206, 73.000

Protanopia

90, 19.253, 93.675

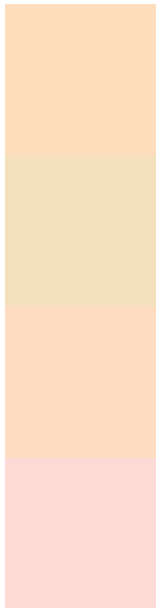
Deuteranopia

90, 18.007, 61.161



Tritanopia
90, 16.109, 351.809

Trichromacy



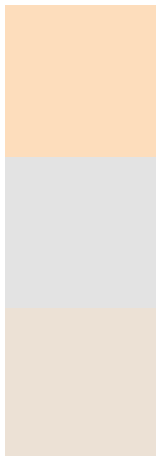
Original Color
90, 21.206, 73.000

Protanomaly
90, 19.694, 85.695

Deuteranomaly
90, 18.852, 65.218

Tritanomaly
90, 13.465, 26.900

Monochromacy



Original Color
90, 21.206, 73.000

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.397, 76.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 21.206, 73.000 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(253, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 221, 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(253, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 221, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 21.206, 73.000 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(253, 221, 188) }
```

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

```
.border{ border-color:rgb(253, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 221, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 221, 188); box-shadow:4px 4px 4px 4px rgb(253, 221, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 21.206, 73.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 221, 188) }
```

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

```
.background{ background-color: rgb(253,  
221, 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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