

Converting Colors

CIELCh(90, 24.955, 75.138)

Have a look what the booklet for
CIELCh(90, 24.955, 75.138) contains.

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Color

CIELCh(90, 24.741, 75.904)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB5
RGB	255, 221, 181
RGB Percent	100%, 87%, 71%
CMY	0.0000, 0.1333, 0.2902
CMYK	0.00, 0.13, 0.29, 0.00
HSL	32°, 100%, 85%
HSV	32°, 29%, 100%
XYZ	75.4314, 76.3034, 54.4646
YIQ	226.6060, 33.1040, -5.2320

Conversions

Conversions Part 2

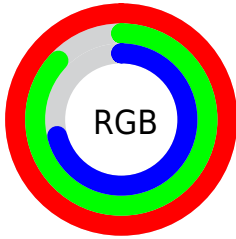
Format	Color
RYB	244, 255, 181
Decimal	16768437
CIELab	90.00, 6.03, 24.00
CIELCh	90, 24.741, 75.904
Yxy	76.3034, 0.3658, 0.3700
Android (android.graphics.Color)	4294958517 (0xFFFFDDB5)
YUV	226.6060, -22.4838, 24.9015
Hunter-Lab	87.3518, 1.2756, 24.1784

Details

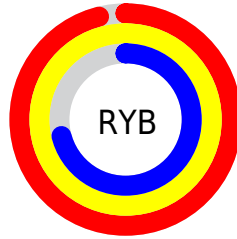
The CIELCh color **90, 24.741, 75.904** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.288, 264.331**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **70, 24.628, 76.172** is the 20% darker color. If you saturate the color by 10%, you get **87, 33.942, 74.568**, and if you desaturate by 10%, it is **93, 15.888, 77.226**.

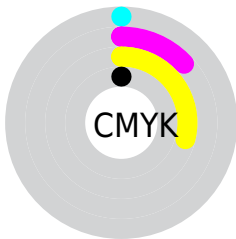
Distribution



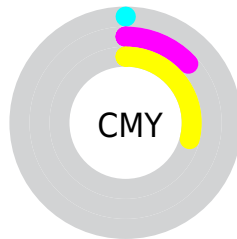
- Red (100%)
- Green (87%)
- Blue (71%)



- Red (96%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 24.741, 75.904 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, 24.741, 75.904 by changing the saturation by 10% instead.

 90, 24.741, 75.904

 90, 24.741, 75.904

 100, 24.741,
75.904

 80, 24.741, 75.904

 70, 24.741, 75.904

 60, 24.741, 75.904

 50, 24.741, 75.904

 40, 24.741, 75.904

 30, 24.741, 75.904

 20, 24.741, 75.904

 10, 24.741, 75.904

 0, 24.741, 75.904

90, 24.741, 75.904

90, 24.741, 75.904

87, 33.942, 74.568

93, 15.888, 77.226

83, 43.447, 73.195

97, 7.381, 78.492

80, 53.136, 71.778

100, 0.012,
284.242

77, 62.733, 70.268

75, 71.684, 68.548

72, 79.032, 66.393

69, 83.815, 63.533

69, 84.236, 63.250

Harmonies

Complementary

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



90, 24.741, 75.904



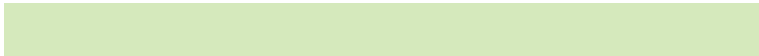
85, 23.288, 264.331

Rectangle

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



90, 24.741, 75.904



90, 24.741, 125.904



90, 24.741, 255.904



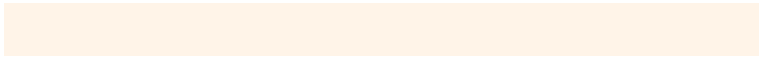
90, 24.741, 305.904

Sweetspot

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



90, 24.742, 75.911



97, 7.365, 78.495



81, 32.486, 348.307



51, 5.133, 78.316



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, 24.742, 75.911



88, 30.204, 75.111



98, 37.170, 108.810



51, 4.657, 78.433



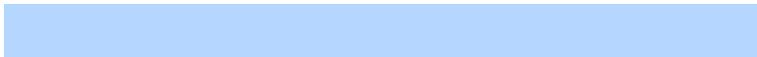
53, 67.670, 63.944



17, 27.057, 65.908

Inverse Universe

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



85, 23.288, 264.331



82, 28.038, 265.598



76, 39.901, 294.861



50, 4.582, 261.015



39, 63.172, 287.914



11, 25.535, 281.691

Previews

White Background



This preview shows how the CIE LCh color 90, 24.741, 75.904 looks on a white background.

Color Contrast Check

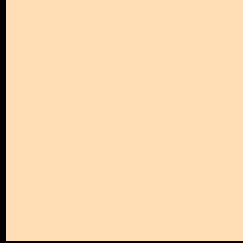
Large Text (above 18pt) WCAG AA × Fail

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, 24.741, 75.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

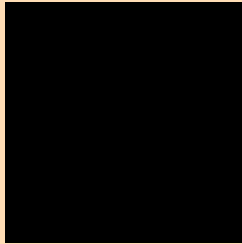
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 24.741, 75.904

Background



This preview shows how black text looks on a background with the CIELCh color 90, 24.741, 75.904.



This preview shows how white text looks on a background with the CIELCh color 90, 24.741, 75.904.

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, 24.741, 75.904

Protanopia

90, 22.852, 94.641

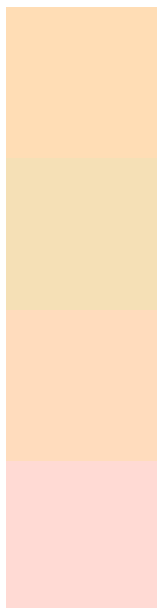
Deuteranopia

90, 19.131, 64.392



Tritanopia
90, 15.883, 353.466

Trichromacy



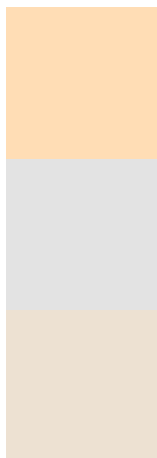
Original Color
90, 24.741, 75.904

Protanomaly
90, 23.227, 87.806

Deuteranomaly
90, 21.127, 68.949

Tritanomaly
90, 14.180, 32.904

Monochromacy



Original Color
90, 24.741, 75.904

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 8.930, 79.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 24.741, 75.904 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 24.741, 75.904 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, 181) }
```

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

```
.border{ border-color:rgb(255, 221, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 24.741, 75.904 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
221, 181) }
```

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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