

Converting Colors

CIELCh(79, 30.571, 22.409)

Have a look what the booklet for
CIELCh(79, 30.571, 22.409) contains.

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Color

CIELCh(79, 30.404, 22.981)

Conversions

Conversions Part 1

Format	Color
Hex	FDB0AF
RGB	253, 176, 175
RGB Percent	99%, 69%, 69%
CMY	0.0085, 0.3104, 0.3143
CMYK	0.00, 0.30, 0.31, 0.01
HSL	1°, 95%, 84%
HSV	1°, 31%, 99%
XYZ	63.6626, 54.9284, 47.7240
YIQ	198.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

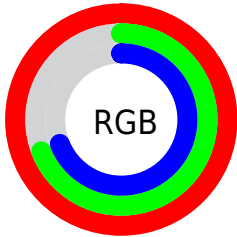
Format	Color
R _Y B	253, 176, 175
Decimal	16625839
CIE Lab	79.00, 27.99, 11.87
CIE LCh	79, 30.404, 22.981
Yxy	54.9284, 0.3828, 0.3303
Android (android.graphics.Color)	4294815919 (0xFFFDB0AF)
YUV	198.9090, -11.7871, 47.4378
Hunter-Lab	74.1137, 23.6300, 13.7010

Details

The CIELCh color **79, 30.404, 22.981** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 24.506, 199.114**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.406, 26.893**, and **59, 30.428, 22.809** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.738, 24.377**, and if you desaturate by 10%, it is **85, 19.763, 21.923**.

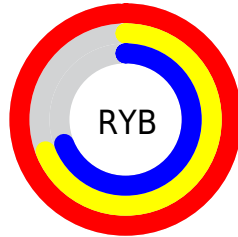
Distribution



Red (99%)

Green (69%)

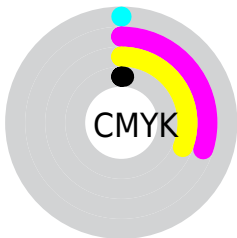
Blue (69%)



Red (99%)

Yellow (69%)

Blue (69%)

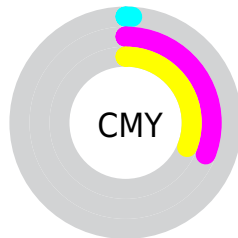


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.404, 22.981 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 79, 30.404, 22.981 by changing the saturation by 10% instead.

 79, 30.404, 22.981

 79, 30.404, 22.981

 100, 30.404,
22.981

 69, 30.404, 22.981

 99, 30.404, 22.981

 59, 30.404, 22.981

 49, 30.404, 22.981

 39, 30.404, 22.981

 29, 30.404, 22.981

 19, 30.404, 22.981

 9, 30.404, 22.981

 0, 30.404, 22.981

 79, 30.404, 22.981

 79, 30.404, 22.981

73, 41.738, 24.377

85, 19.763, 21.923

67, 53.621, 26.203

92, 9.878, 21.089

63, 65.780, 28.566

99, 0.740, 19.651

59, 77.815, 31.519

100, 0.755,
200.236

56, 89.119, 34.917

54, 98.462, 38.132

53, 103.745,
40.091

Harmonies

Complementary

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



79, 30.404, 22.981



94, 24.506, 199.114

Rectangle

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



79, 30.404, 22.981



79, 30.404, 72.981



79, 30.404, 202.981



79, 30.404, 252.981

Sweetspot

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



79, 30.402, 22.986



94, 8.194, 20.950



81, 48.879, 326.124



49, 5.727, 21.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 30.402, 22.986



76, 37.567, 23.799



88, 25.659, 71.545



50, 5.187, 20.988



40, 84.051, 40.130



10, 33.100, 27.803

Inverse Universe

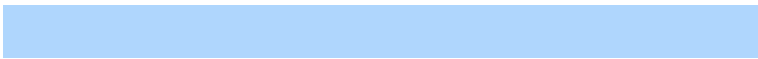
The Inverse Universe completely reimagines the original color for something new.



94, 24.506, 199.114



94, 28.826, 198.895



84, 23.532, 260.364



52, 4.881, 200.091



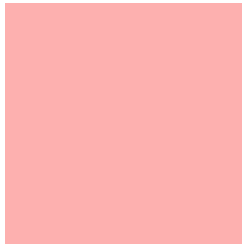
70, 39.631, 198.406



23, 18.272, 198.159

Previews

White Background



This preview shows how the CIELCh color 79, 30.404, 22.981 looks on a white background.

Color Contrast Check

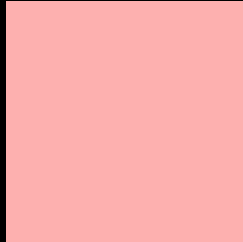
Large Text (above 18pt) WCAG AA × Fail

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 79, 30.404, 22.981 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 79, 30.404, 22.981

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.404, 22.981.

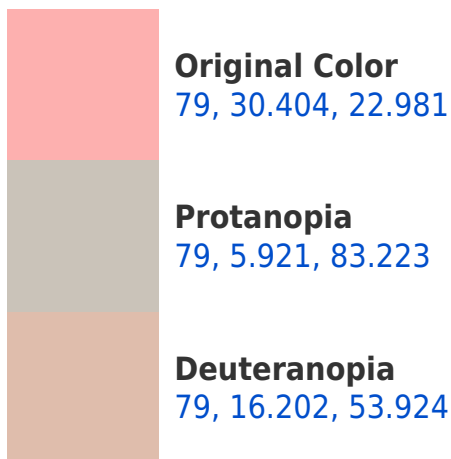


This preview shows how white text looks on a background with the CIELCh color 79, 30.404, 22.981.

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](#).

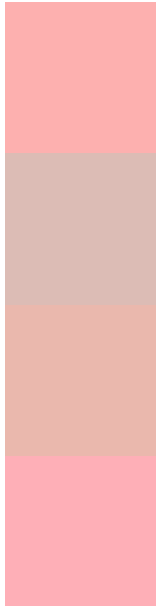
Dichromacy





Tritanopia
79, 31.429, 9.706

Trichromacy



Original Color
79, 30.404, 22.981

Protanomaly
79, 12.900, 36.994

Deuteranomaly
79, 20.652, 37.188

Tritanomaly
79, 30.882, 14.343

Monochromacy



Original Color
79, 30.404, 22.981

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.610, 23.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.404, 22.981 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, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(253, 176, 175)  
}
```

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, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 176, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.404, 22.981 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, 176, 175) }
```

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

```
.border{ border-color:rgb(253, 176, 175) }
```

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

Here you see how a box with a 4 pixel rgb(253, 176, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(253, 176,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.404, 22.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 176, 175) }
```

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

```
.background{ background-color: rgb(253,  
176, 175) }
```

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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