

Converting Colors

CIELCh(78, 30.969, 23.991)

Have a look what the booklet for
CIELCh(78, 30.969, 23.991) contains.

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Color

CIELCh(78, 31.007, 24.006)

Conversions

Conversions Part 1

Format	Color
Hex	FBADAB
RGB	251, 173, 171
RGB Percent	98%, 68%, 67%
CMY	0.0165, 0.3223, 0.3302
CMYK	0.00, 0.31, 0.32, 0.02
HSL	2°, 90%, 83%
HSV	2°, 32%, 98%
XYZ	61.9424, 53.2120, 45.4355
YIQ	196.0940, 47.1300, 15.9140

Conversions

Conversions Part 2

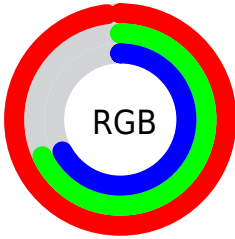
Format	Color
RYB	251, 173, 171
Decimal	16493995
CIELab	78.00, 28.32, 12.61
CIELCh	78, 31.007, 24.006
Yxy	53.2120, 0.3857, 0.3314
Android (android.graphics.Color)	4294684075 (0xFFFBADAB)
YUV	196.0940, -12.3713, 48.1526
Hunter-Lab	72.9466, 23.9163, 14.1332

Details

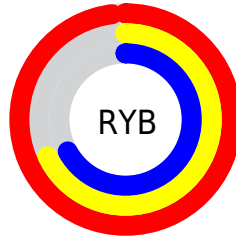
The CIELCh color **78, 31.007, 24.006** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 24.752, 200.286**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.617, 29.186**, and **58, 31.110, 23.947** is the 20% darker color. If you saturate the color by 10%, you get **72, 42.238, 25.373**, and if you desaturate by 10%, it is **84, 20.466, 22.975**.

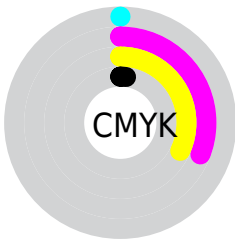
Distribution



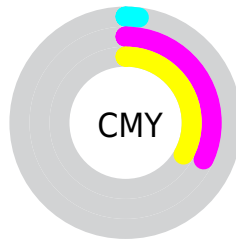
- Red (98%)
- Green (68%)
- Blue (67%)



- Red (98%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 31.007, 24.006 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 78, 31.007, 24.006 by changing the saturation by 10% instead.

78, 31.007, 24.006

78, 31.007, 24.006

100, 31.007,
24.006

68, 31.007, 24.006

98, 31.007, 24.006

58, 31.007, 24.006

48, 31.007, 24.006

38, 31.007, 24.006

28, 31.007, 24.006

18, 31.007, 24.006

8, 31.007, 24.006

0, 31.007, 24.006

78, 31.007, 24.006

78, 31.007, 24.006

72, 42.238, 25.373

84, 20.466, 22.975

67, 54.020, 27.163

91, 10.678, 22.171

62, 66.088, 29.476

97, 1.632, 21.243

58, 78.044, 32.347

100, 1.465,
199.765

55, 89.246, 35.603

53, 98.358, 38.569

53, 102.960,
40.179

Harmonies

Complementary

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



78, 31.007, 24.006



93, 24.752, 200.286

Rectangle

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



78, 31.007, 24.006



78, 31.007, 74.006



78, 31.007, 204.006



78, 31.007, 254.006

Sweetspot

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



78, 31.005, 24.011



93, 9.033, 22.036



80, 49.621, 326.642



49, 6.198, 22.137



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 31.005, 24.011



75, 38.310, 24.803



87, 26.634, 73.126



49, 5.041, 21.999



39, 83.044, 40.256



9, 31.665, 27.411

Inverse Universe

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



93, 24.752, 200.286



94, 29.097, 200.111



83, 24.578, 262.402



51, 4.742, 201.187



68, 38.589, 200.391



22, 17.534, 199.869

Previews

White Background



This preview shows how the CIELCh color 78, 31.007, 24.006 looks on a white background.

Color Contrast Check

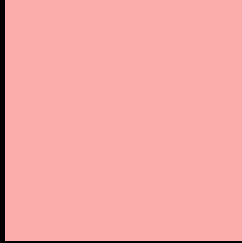
Large Text (above 18pt) WCAG AA × Fail

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 78, 31.007, 24.006 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 78, 31.007, 24.006

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.007, 24.006.

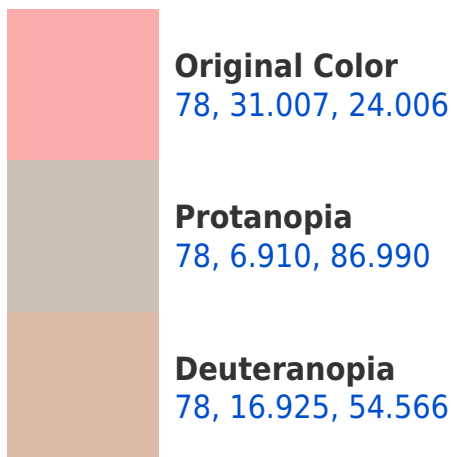



This preview shows how white text looks on a background with the CIELCh color 78, 31.007, 24.006.

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](#).

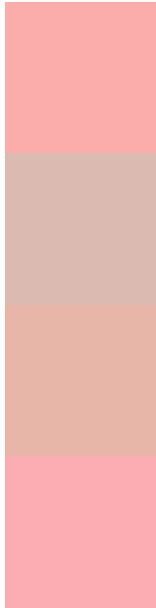
Dichromacy





Tritanopia
78, 31.909, 9.956

Trichromacy



Original Color
78, 31.007, 24.006

Protanomaly
78, 13.333, 41.271

Deuteranomaly
78, 21.323, 38.226

Tritanomaly
78, 31.381, 15.494

Monochromacy



Original Color
78, 31.007, 24.006

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 10.645, 23.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.007, 24.006 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(251, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 171)  
}
```

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(251, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.007, 24.006 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(251, 173, 171) }
```

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

```
.border{ border-color:rgb(251, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 173,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.007, 24.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 171) }
```

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

```
.background{ background-color: rgb(251,  
173, 171) }
```

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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