

Converting Colors

CIELCh(80, 39.209, 23.982)

Have a look what the booklet for
CIELCh(80, 39.209, 23.982) contains.

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Color

CIELCh(78, 33.075, 24.077)

Conversions

Conversions Part 1

Format	Color
Hex	FEABA9
RGB	254, 171, 169
RGB Percent	100%, 67%, 66%
CMY	0.0031, 0.3283, 0.3361
CMYK	0.00, 0.33, 0.33, 0.00
HSL	1°, 98%, 83%
HSV	1°, 33%, 100%
XYZ	62.7485, 53.2120, 44.6388
YIQ	195.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

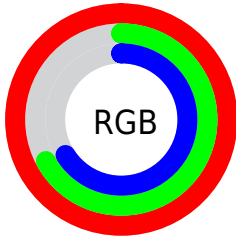
Format	Color
RYB	254, 171, 169
Decimal	16690089
CIELab	78.00, 30.20, 13.49
CIElCh	78, 33.075, 24.077
Yxy	53.2120, 0.3907, 0.3313
Android (android.graphics.Color)	4294880169 (0xFFFEABA9)
YUV	195.5890, -13.1084, 51.2264
Hunter-Lab	72.9466, 25.8889, 14.7808

Details

The CIELCh color **78, 33.075, 24.077** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 26.085, 200.081**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.373, 28.580**, and **58, 32.940, 24.147** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.540, 25.513**, and if you desaturate by 10%, it is **84, 22.291, 22.994**.

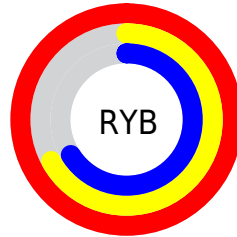
Distribution



Red (100%)

Green (67%)

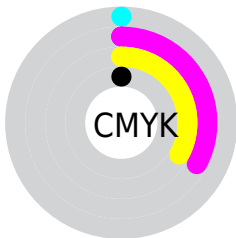
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

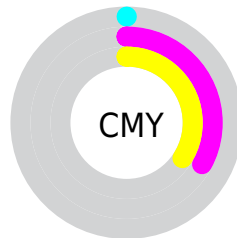


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.075, 24.077 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, 33.075, 24.077 by changing the saturation by 10% instead.

 78, 33.075, 24.077

 78, 33.075, 24.077

 100, 33.075,
24.077

 68, 33.075, 24.077

 98, 33.075, 24.077

 58, 33.075, 24.077

 48, 33.075, 24.077

 38, 33.075, 24.077

 28, 33.075, 24.077

 18, 33.075, 24.077

 8, 33.075, 24.077

 0, 33.075, 24.077

 78, 33.075, 24.077

 78, 33.075, 24.077

72, 44.540, 25.513

84, 22.291, 22.994

67, 56.525, 27.391

91, 12.264, 22.154

62, 68.740, 29.808

97, 2.993, 21.368

58, 80.755, 32.779

100, 0.277,
201.778

55, 91.855, 36.075

54, 100.503,
38.909

53, 104.045,
40.165

Harmonies

Complementary

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



78, 33.075, 24.077



94, 26.085, 200.081

Rectangle

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



78, 33.075, 24.077



78, 33.075, 74.077



78, 33.075, 204.077



78, 33.075, 254.077

Sweetspot

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



78, 33.073, 24.082



93, 9.047, 21.905



80, 52.494, 326.724



49, 6.207, 22.007



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, 33.073, 24.082



74, 40.670, 24.982



88, 28.304, 72.926



50, 5.133, 21.869



40, 83.905, 40.236



10, 32.885, 28.321

Inverse Universe

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



94, 26.085, 200.081



93, 30.389, 199.897



83, 26.006, 262.731



52, 4.829, 201.044



69, 39.058, 200.135



23, 18.037, 199.670

Previews

White Background



This preview shows how the CIELCh color 78, 33.075, 24.077 looks on a white background.

Color Contrast Check

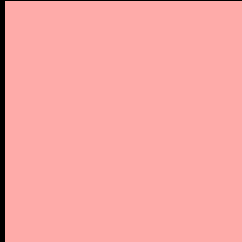
Large Text (above 18pt) WCAG AA × Fail

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, 33.075, 24.077 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, 33.075, 24.077

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.075, 24.077.



This preview shows how white text looks on a background with the CIELCh color 78, 33.075, 24.077.

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

78, 33.115, 24.092

Protanopia

78, 7.407, 88.492

Deuteranopia

78, 17.262, 55.928



Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 33.115, 24.092

Protanomaly
78, 14.472, 39.647

Deuteranomaly
78, 21.925, 39.198

Tritanomaly
78, 33.432, 16.129

Monochromacy



Original Color
78, 33.115, 24.092

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.433, 22.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.075, 24.077 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(254, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 169)  
}
```

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(254, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.075, 24.077 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(254, 171, 169) }
```

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

```
.border{ border-color:rgb(254, 171, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.075, 24.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 169) }
```

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

```
.background{ background-color: rgb(254,  
171, 169) }
```

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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