

Converting Colors

CIELCh(78, 32.459, 22.013)

Have a look what the booklet for
CIELCh(78, 32.459, 22.013) contains.

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Color

CIELCh(78, 32.459, 21.338)

Conversions

Conversions Part 1

Format	Color
Hex	FDABAC
RGB	253, 171, 172
RGB Percent	99%, 67%, 67%
CMY	0.0063, 0.3280, 0.3241
CMYK	0.00, 0.32, 0.32, 0.01
HSL	359°, 96%, 83%
HSV	359°, 32%, 99%
XYZ	62.7643, 53.2120, 46.1726
YIQ	195.6320, 48.5510, 17.6950

Conversions

Conversions Part 2

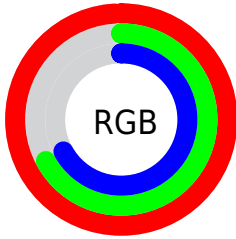
Format	Color
R _Y B	253, 171, 172
Decimal	16624556
CIE Lab	78.00, 30.23, 11.81
CIE LCh	78, 32.459, 21.338
Yxy	53.2120, 0.3871, 0.3282
Android (android.graphics.Color)	4294814636 (0xFFFDABAC)
YUV	195.6320, -11.6506, 50.3117
Hunter-Lab	72.9466, 25.9276, 13.5341

Details

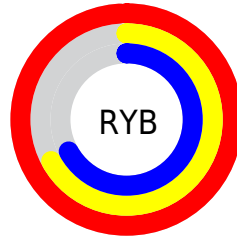
The CIELCh color **78, 32.459, 21.338** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 26.028, 196.670**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.207, 20.062**, and **58, 32.204, 21.193** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.938, 22.893**, and if you desaturate by 10%, it is **84, 21.615, 20.148**.

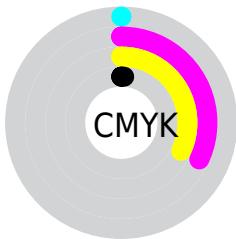
Distribution



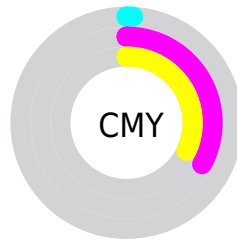
- Red (99%)
- Green (67%)
- Blue (67%)



- Red (99%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.459, 21.338 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, 32.459, 21.338 by changing the saturation by 10% instead.

 78, 32.459, 21.338

 78, 32.459, 21.338

 100, 32.459,
21.338

 68, 32.459, 21.338

 98, 32.459, 21.338

 58, 32.459, 21.338

 48, 32.459, 21.338

 38, 32.459, 21.338

 28, 32.459, 21.338

 18, 32.459, 21.338

 8, 32.459, 21.338

 0, 32.459, 21.338

 78, 32.459, 21.338

 78, 32.459, 21.338

72, 43.938, 22.893

84, 21.615, 20.148

66, 55.868, 24.914

91, 11.499, 19.207

62, 67.936, 27.518

98, 2.121, 18.241

58, 79.717, 30.756

100, 0.557,
200.559

55, 90.608, 34.458

53, 99.402, 37.931

53, 103.594,
39.664

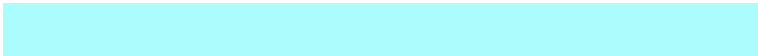
Harmonies

Complementary

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



78, 32.459, 21.338



94, 26.028, 196.670

Rectangle

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



78, 32.459, 21.338



78, 32.459, 71.338



78, 32.459, 201.338



78, 32.459, 251.338

Sweetspot

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



78, 32.457, 21.342



93, 9.256, 19.008



80, 51.125, 325.725



49, 6.350, 19.126



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, 32.457, 21.342



74, 40.212, 22.326



87, 26.886, 69.613



49, 5.252, 18.967



40, 83.678, 39.523



10, 33.267, 26.696

Inverse Universe

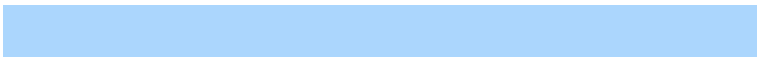
The Inverse Universe completely reimagines the original color for something new.



78, 32.457, 21.342



74, 40.212, 22.326



84, 24.303, 258.801



49, 5.252, 18.967



40, 83.678, 39.523



10, 33.267, 26.696

Previews

White Background



This preview shows how the CIELCh color 78, 32.459, 21.338 looks on a white background.

Color Contrast Check

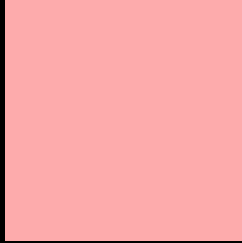
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.459, 21.338 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, 32.459, 21.338

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.459, 21.338.



This preview shows how white text looks on a background with the CIELCh color 78, 32.459, 21.338.

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, 32.459, 21.338

Protanopia

78, 4.999, 77.941

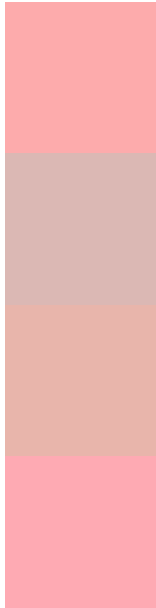
Deuteranopia

78, 15.941, 52.408



Tritanopia
78, 33.094, 10.540

Trichromacy



Original Color
78, 32.459, 21.338

Protanomaly
78, 13.676, 29.372

Deuteranomaly
78, 20.931, 35.571

Tritanomaly
78, 33.018, 14.186

Monochromacy



Original Color
78, 32.459, 21.338

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.397, 20.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.459, 21.338 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, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(253, 171, 172)  
}
```

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, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 171, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.459, 21.338 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, 171, 172) }
```

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

```
.border{ border-color:rgb(253, 171, 172) }
```

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

Here you see how a box with a 4 pixel rgb(253, 171, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(253, 171,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.459, 21.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 171, 172) }
```

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

```
.background{ background-color: rgb(253,  
171, 172) }
```

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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