

Converting Colors

CIELCh(82, 46.487, 22.186)

Have a look what the booklet for
CIELCh(82, 46.487, 22.186) contains.

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Color

CIELCh(78, 33.200, 20.534)

Conversions

Conversions Part 1

Format	Color
Hex	FFABAD
RGB	255, 171, 173
RGB Percent	100%, 67%, 68%
CMY	0.0013, 0.3306, 0.3227
CMYK	0.00, 0.33, 0.32, 0.00
HSL	359°, 99%, 83%
HSV	359°, 33%, 100%
XYZ	63.1355, 53.2120, 46.3253
YIQ	196.3440, 49.4220, 18.4300

Conversions

Conversions Part 2

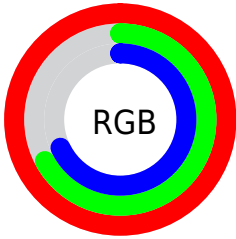
Format	Color
R _Y B	255, 171, 173
Decimal	16755629
CIE Lab	78.00, 31.09, 11.65
CIE LCh	78, 33.200, 20.534
Yxy	53.2120, 0.3881, 0.3271
Android (android.graphics.Color)	4294945709 (0xFFFFABAD)
YUV	196.3440, -11.5086, 51.4413
Hunter-Lab	72.9466, 26.8359, 13.4100

Details

The CIELCh color **78, 33.200, 20.534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 26.636, 195.536**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.204, 17.184**, and **58, 32.976, 20.391** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.691, 22.140**, and if you desaturate by 10%, it is **84, 22.312, 19.298**.

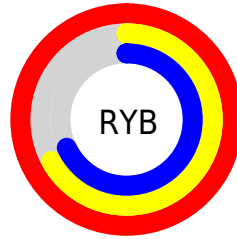
Distribution



Red (100%)

Green (67%)

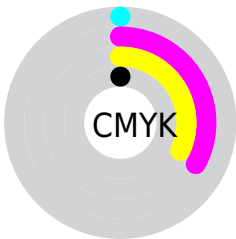
Blue (68%)



Red (100%)

Yellow (67%)

Blue (68%)

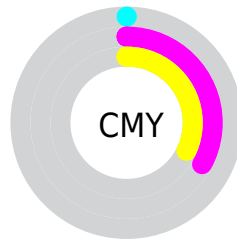


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.200, 20.534 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, 33.200, 20.534 by changing the saturation by 10% instead.

 78, 33.200, 20.534

 78, 33.200, 20.534

 100, 33.200,
20.534

 68, 33.200, 20.534

 98, 33.200, 20.534

 58, 33.200, 20.534

 48, 33.200, 20.534

 38, 33.200, 20.534

 28, 33.200, 20.534

 18, 33.200, 20.534

 8, 33.200, 20.534

 0, 33.200, 20.534

 78, 33.200, 20.534

 78, 33.200, 20.534

72, 44.691, 22.140

84, 22.312, 19.298

67, 56.587, 24.221

91, 12.131, 18.318

62, 68.567, 26.894

98, 2.675, 17.375

58, 80.206, 30.217

100, 0.116,
205.129

55, 90.932, 34.028

54, 99.630, 37.653

53, 103.539,
39.347

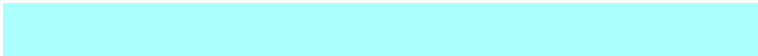
Harmonies

Complementary

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



78, 33.200, 20.534



95, 26.636, 195.536

Rectangle

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



78, 33.200, 20.534



78, 33.200, 70.534



78, 33.200, 200.534



78, 33.200, 250.534

Sweetspot

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



78, 33.197, 20.538



93, 9.256, 18.059



80, 52.044, 325.273



49, 6.349, 18.181



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, 33.197, 20.538



74, 41.267, 21.621



87, 27.372, 67.778



49, 5.253, 18.017



40, 83.169, 39.072



10, 33.171, 26.227

Inverse Universe

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



78, 33.197, 20.538



74, 41.267, 21.621



84, 24.443, 256.987



49, 5.253, 18.017



40, 83.169, 39.072



10, 33.171, 26.227

Previews

White Background



This preview shows how the CIELCh color 78, 33.200, 20.534 looks on a white background.

Color Contrast Check

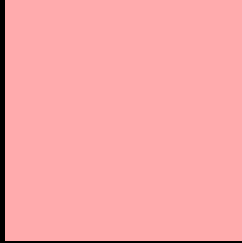
Large Text (above 18pt) WCAG AA × Fail

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, 33.200, 20.534 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, 33.200, 20.534

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.200, 20.534.



This preview shows how white text looks on a background with the CIELCh color 78, 33.200, 20.534.

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, 33.200, 20.534

Protanopia

78, 4.999, 77.941

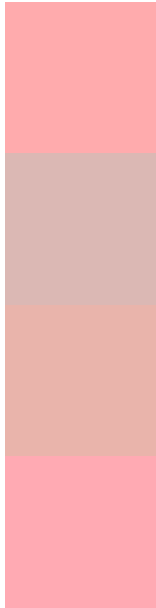
Deuteranopia

78, 15.941, 52.408



Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 33.200, 20.534

Protanomaly
78, 13.676, 29.372

Deuteranomaly
78, 21.571, 33.772

Tritanomaly
78, 33.411, 14.325

Monochromacy



Original Color
78, 33.200, 20.534

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.386, 17.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.200, 20.534 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, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 173)  
}
```

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, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.200, 20.534 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, 171, 173) }
```

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

```
.border{ border-color:rgb(255, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.200, 20.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 173) }
```

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

```
.background{ background-color: rgb(255,  
171, 173) }
```

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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