

Converting Colors

CIELCh(78, 33.300, 22.998)

Have a look what the booklet for
CIELCh(78, 33.300, 22.998) contains.

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Color

CIELCh(78, 33.428, 23.220)

Conversions

Conversions Part 1

Format	Color
Hex	FFABAA
RGB	255, 171, 170
RGB Percent	100%, 67%, 67%
CMY	0.0005, 0.3299, 0.3338
CMYK	0.00, 0.33, 0.33, 0.00
HSL	1°, 100%, 83%
HSV	1°, 33%, 100%
XYZ	62.9748, 53.2120, 44.9224
YIQ	196.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

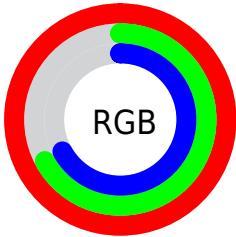
Format	Color
R _Y B	255, 171, 170
Decimal	16755626
CIE Lab	78.00, 30.72, 13.18
CIE LCh	78, 33.428, 23.220
Yxy	53.2120, 0.3909, 0.3303
Android (android.graphics.Color)	4294945706 (0xFFFFABAA)
YUV	196.0020, -12.8190, 51.7412
Hunter-Lab	72.9466, 26.4428, 14.5503

Details

The CIELCh color **78, 33.428, 23.220** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 26.418, 198.917**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.292, 25.774**, and **58, 33.258, 23.245** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.001, 24.722**, and if you desaturate by 10%, it is **84, 22.523, 22.083**.

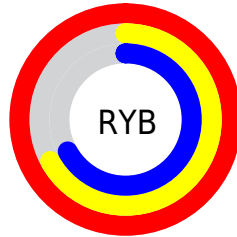
Distribution



Red (100%)

Green (67%)

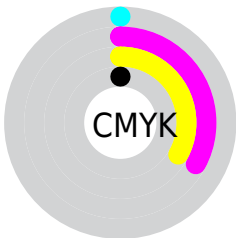
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

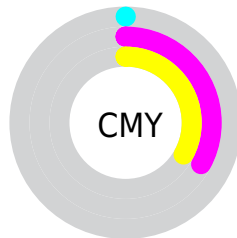


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.428, 23.220 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, 33.428, 23.220 by changing the saturation by 10% instead.

 78, 33.428, 23.220

 78, 33.428, 23.220

 100, 33.428,
23.220

 68, 33.428, 23.220

 98, 33.428, 23.220

 58, 33.428, 23.220

 48, 33.428, 23.220

 38, 33.428, 23.220

 28, 33.428, 23.220

 18, 33.428, 23.220

 8, 33.428, 23.220

 0, 33.428, 23.220

 78, 33.428, 23.220

 78, 33.428, 23.220

72, 45.001, 24.722

84, 22.523, 22.083

67, 57.067, 26.682

91, 12.372, 21.197

62, 69.319, 29.205

98, 2.980, 20.369

58, 81.312, 32.310

100, 0.047,
213.743

55, 92.340, 35.765

54, 100.879,
38.759

53, 104.392,
40.083

Harmonies

Complementary

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



78, 33.428, 23.220



95, 26.418, 198.917

Rectangle

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



78, 33.428, 23.220



78, 33.428, 73.220



78, 33.428, 203.220



78, 33.428, 253.220

Sweetspot

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



78, 33.426, 23.224



93, 9.151, 20.938



80, 53.099, 326.256



49, 6.279, 21.046



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, 33.426, 23.224



74, 41.081, 24.175



88, 28.089, 71.226



50, 5.192, 20.901



40, 84.066, 40.119



10, 33.121, 27.751

Inverse Universe

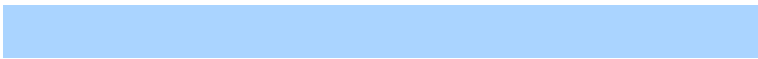
The Inverse Universe completely reimagines the original color for something new.



95, 26.418, 198.917



94, 30.764, 198.690



83, 25.559, 260.894



52, 4.886, 199.997



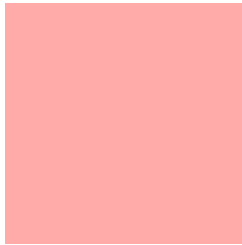
70, 39.690, 198.237



23, 18.296, 198.011

Previews

White Background



This preview shows how the CIELCh color 78, 33.428, 23.220 looks on a white background.

Color Contrast Check

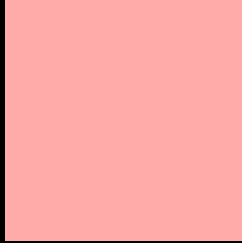
Large Text (above 18pt) WCAG AA × Fail

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, 33.428, 23.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

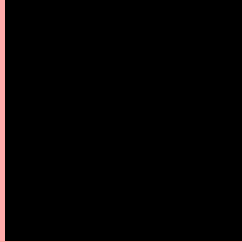
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.428, 23.220

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.428, 23.220.

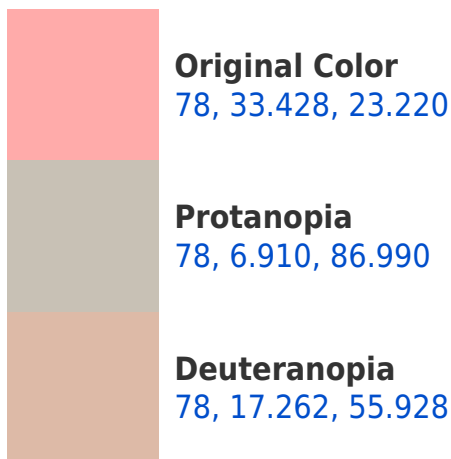


This preview shows how white text looks on a background with the CIELCh color 78, 33.428, 23.220.

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



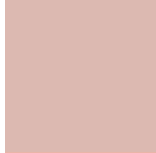


Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 33.428, 23.220



Protanomaly
78, 14.272, 37.693



Deuteranomaly
78, 21.925, 39.198



Tritanomaly
78, 33.417, 15.227

Monochromacy



Original Color
78, 33.428, 23.220



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, 33.428, 23.220 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.428, 23.220 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, 170) }
```

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

```
.border{ border-color:rgb(255, 171, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.428, 23.220 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
171, 170) }
```

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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