

Converting Colors

CIELCh(76, 32.455, 22.322)

Have a look what the booklet for
CIELCh(76, 32.455, 22.322) contains.

CIELCh(76, 32.323, 22.302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 32.323, 22.302)

Conversions

Conversions Part 1

Format	Color
Hex	F7A6A6
RGB	247, 166, 166
RGB Percent	97%, 65%, 65%
CMY	0.0307, 0.3484, 0.3485
CMYK	0.00, 0.33, 0.33, 0.03
HSL	0°, 84%, 81%
HSV	0°, 33%, 97%
XYZ	58.9731, 49.8872, 42.6666
YIQ	190.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

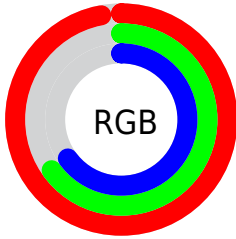
Format	Color
R _Y B	247, 166, 166
Decimal	16230054
CIE Lab	76.00, 29.91, 12.27
CIE LCh	76, 32.323, 22.302
Yxy	49.8872, 0.3892, 0.3292
Android (android.graphics.Color)	4294420134 (0xFFF7A6A6)
YUV	190.2190, -11.9400, 49.7969
Hunter-Lab	70.6309, 25.4340, 13.6258

Details

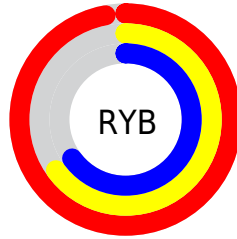
The CIELCh color **76, 32.323, 22.302** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 25.714, 197.803**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.156, 22.641**, and **56, 32.554, 22.325** is the 20% darker color. If you saturate the color by 10%, you get **70, 43.662, 23.841**, and if you desaturate by 10%, it is **82, 21.626, 21.132**.

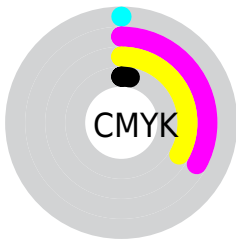
Distribution



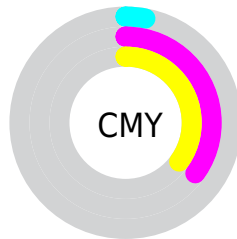
- Red (97%)
- Green (65%)
- Blue (65%)



- Red (97%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (3%)



- Cyan (3%)
- Magenta (35%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.323, 22.302 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 76, 32.323, 22.302 by changing the saturation by 10% instead.

 76, 32.323, 22.302

 76, 32.323, 22.302

 100, 32.323,
22.302

 66, 32.323, 22.302

 96, 32.323, 22.302

 56, 32.323, 22.302

 46, 32.323, 22.302

 36, 32.323, 22.302

 26, 32.323, 22.302

 16, 32.323, 22.302

 6, 32.323, 22.302

 0, 32.323, 22.302

 76, 32.323, 22.302

 76, 32.323, 22.302

70, 43.662, 23.841

82, 21.626, 21.132

65, 55.466, 25.848

89, 11.663, 20.214

60, 67.424, 28.435

95, 2.438, 19.316

56, 79.107, 31.634

99, 2.715, 199.477

54, 89.856, 35.235

52, 98.290, 38.455

52, 102.129,
40.001

Harmonies

Complementary

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



76, 32.323, 22.302



92, 25.714, 197.803

Rectangle

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



76, 32.323, 22.302



76, 32.323, 72.302



76, 32.323, 202.302



76, 32.323, 252.302

Sweetspot

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



76, 32.321, 22.306



93, 9.258, 19.990



78, 50.937, 326.224



49, 6.352, 20.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 32.321, 22.306



74, 40.327, 23.222



86, 26.893, 71.304



48, 5.080, 19.947



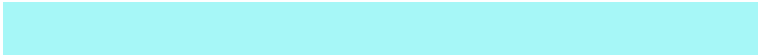
39, 82.549, 40.001



8, 31.023, 25.012

Inverse Universe

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



92, 25.714, 197.803



94, 30.517, 197.547



81, 24.518, 260.761



50, 4.782, 198.973



69, 39.555, 196.400



22, 17.587, 196.398

Previews

White Background



This preview shows how the CIELCh color 76, 32.323, 22.302 looks on a white background.

Color Contrast Check

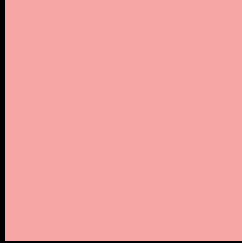
Large Text (above 18pt) WCAG AA × Fail

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 76, 32.323, 22.302 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 76, 32.323, 22.302

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.323, 22.302.

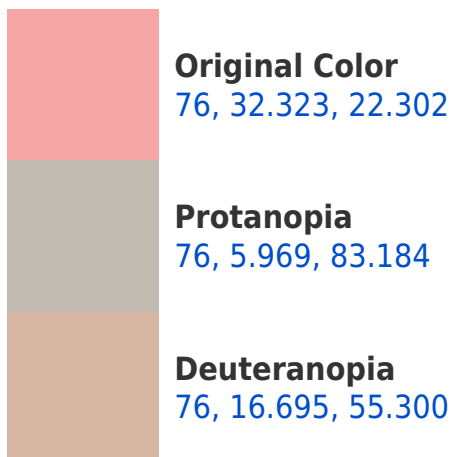


This preview shows how white text looks on a background with the CIELCh color 76, 32.323, 22.302.

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](#).

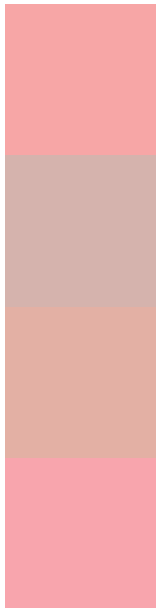
Dichromacy





Tritanopia
76, 33.302, 10.660

Trichromacy



Original Color
76, 32.323, 22.302

Protanomaly
76, 13.640, 33.993

Deuteranomaly
76, 21.462, 38.234

Tritanomaly
76, 32.809, 15.066

Monochromacy



Original Color
76, 32.323, 22.302

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 11.474, 20.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.323, 22.302 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(247, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 166)  
}
```

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(247, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.323, 22.302 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(247, 166, 166) }
```

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

```
.border{ border-color:rgb(247, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 166, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 166, 166); box-shadow:4px 4px 4px 4px rgb(247, 166, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.323, 22.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 166, 166) }
```

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

```
.background{ background-color: rgb(247,  
166, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor