

Converting Colors

CIELCh(77, 36.050, 22.650)

Have a look what the booklet for
CIELCh(77, 36.050, 22.650) contains.

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Color

CIELCh(77, 35.579, 22.601)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6A6
RGB	255, 166, 166
RGB Percent	100%, 65%, 65%
CMY	0.0000, 0.3474, 0.3475
CMYK	0.00, 0.35, 0.35, 0.00
HSL	0°, 100%, 83%
HSV	0°, 35%, 100%
XYZ	62.0330, 51.5317, 42.9444
YIQ	192.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

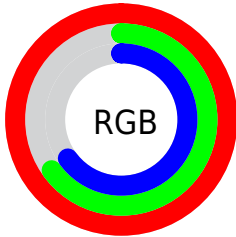
Format	Color
R _Y B	255, 166, 166
Decimal	16754342
CIE Lab	77.00, 32.85, 13.67
CIE LCh	77, 35.579, 22.601
Yxy	51.5317, 0.3964, 0.3293
Android (android.graphics.Color)	4294944422 (0xFFFFA6A6)
YUV	192.6110, -13.1192, 54.7152
Hunter-Lab	71.7856, 28.6246, 14.7808

Details

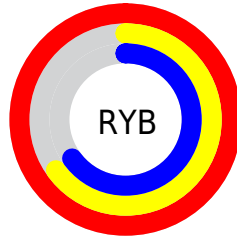
The CIELCh color **77, 35.579, 22.601** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 27.715, 197.723**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.156, 22.641**, and **57, 35.573, 22.778** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.143, 24.212**, and if you desaturate by 10%, it is **83, 24.284, 21.348**.

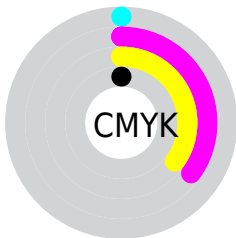
Distribution



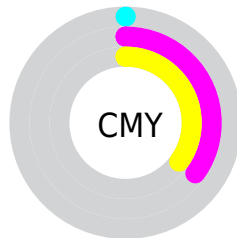
- Red (100%)
- Green (65%)
- Blue (65%)



- Red (100%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.579, 22.601 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 77, 35.579, 22.601 by changing the saturation by 10% instead.

77, 35.579, 22.601

77, 35.579, 22.601

100, 35.579,
22.601

67, 35.579, 22.601

97, 35.579, 22.601

57, 35.579, 22.601

47, 35.579, 22.601

37, 35.579, 22.601

27, 35.579, 22.601

17, 35.579, 22.601

7, 35.579, 22.601

0, 35.579, 22.601

77, 35.579, 22.601

77, 35.579, 22.601

71, 47.143, 24.212

83, 24.284, 21.348

66, 59.311, 26.333

90, 13.913, 20.386

61, 71.559, 29.052

97, 4.303, 19.555

57, 83.410, 32.371

100, 0.012,
296.813

55, 94.096, 35.987

54, 101.933,
38.958

53, 104.574,
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.



77, 35.579, 22.601



95, 27.715, 197.723

Rectangle

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



77, 35.579, 22.601



77, 35.579, 72.601



77, 35.579, 202.601



77, 35.579, 252.601

Sweetspot

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



77, 35.396, 22.589



93, 9.258, 19.995



80, 55.291, 326.329



49, 6.352, 20.108



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 35.396, 22.589



73, 43.864, 23.722



87, 29.380, 71.047



49, 5.253, 19.955



40, 84.228, 40.002



10, 33.364, 27.183

Inverse Universe

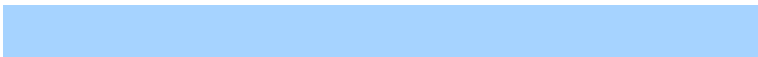
The Inverse Universe completely reimagines the original color for something new.



95, 27.715, 197.723



94, 32.391, 197.440



83, 26.615, 261.200



52, 4.945, 198.976



70, 40.356, 196.409



24, 18.566, 196.406

Previews

White Background



This preview shows how the CIELCh color 77, 35.579, 22.601 looks on a white background.

Color Contrast Check

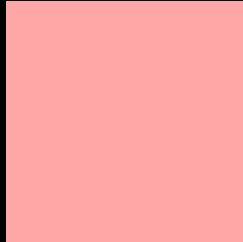
Large Text (above 18pt) WCAG AA × Fail

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 77, 35.579, 22.601 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 77, 35.579, 22.601

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.579, 22.601.

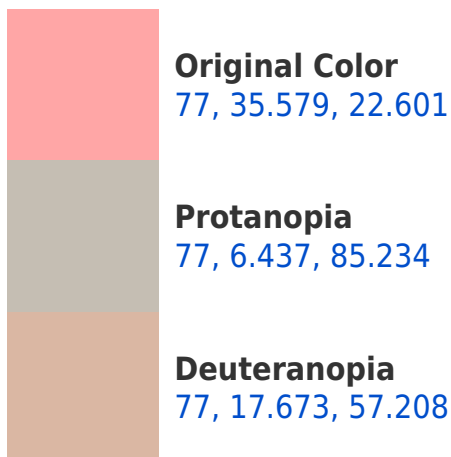


This preview shows how white text looks on a background with the CIELCh color 77, 35.579, 22.601.

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](#).

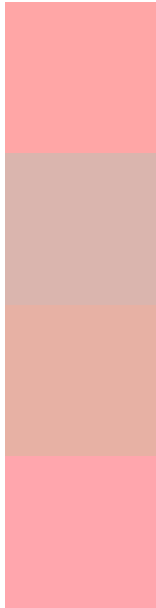
Dichromacy





Tritanopia
77, 35.569, 12.535

Trichromacy



Original Color
77, 35.579, 22.601

Protanomaly
77, 14.932, 34.937

Deuteranomaly
77, 22.823, 38.610

Tritanomaly
77, 35.174, 16.654

Monochromacy



Original Color
77, 35.579, 22.601

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.620, 20.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.579, 22.601 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.579, 22.601 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, 166, 166) }
```

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

```
.border{ border-color:rgb(255, 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(255, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.579, 22.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 166) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

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