

Converting Colors

CIELCh(77, 35.656, 22.267)

Have a look what the booklet for
CIELCh(77, 35.656, 22.267) contains.

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Color

CIELCh(77, 35.496, 21.761)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6A7
RGB	255, 166, 167
RGB Percent	100%, 65%, 65%
CMY	0.0000, 0.3476, 0.3438
CMYK	0.00, 0.35, 0.34, 0.00
HSL	359°, 100%, 83%
HSV	359°, 35%, 100%
XYZ	62.0845, 51.5317, 43.3973
YIQ	192.7250, 52.7230, 19.1790

Conversions

Conversions Part 2

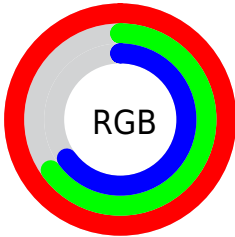
Format	Color
R _Y B	255, 166, 167
Decimal	16754343
CIE Lab	77.00, 32.97, 13.16
CIE LCh	77, 35.496, 21.761
Yxy	51.5317, 0.3954, 0.3282
Android (android.graphics.Color)	4294944423 (0xFFFFA6A7)
YUV	192.7250, -12.6824, 54.6152
Hunter-Lab	71.7856, 28.7525, 14.4068

Details

The CIELCh color **77, 35.496, 21.761** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 27.809, 196.642**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.124, 20.222**, and **57, 35.468, 21.891** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.016, 23.399**, and if you desaturate by 10%, it is **83, 24.273, 20.478**.

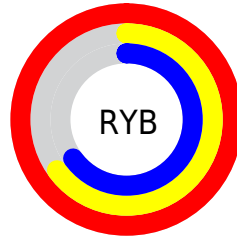
Distribution



Red (100%)

Green (65%)

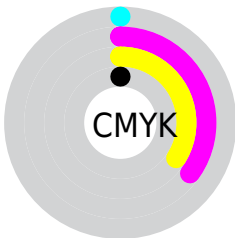
Blue (65%)



Red (100%)

Yellow (65%)

Blue (65%)

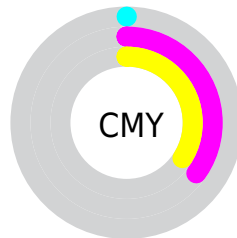


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.496, 21.761 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, 35.496, 21.761 by changing the saturation by 10% instead.

77, 35.496, 21.761

77, 35.496, 21.761

100, 35.496,
21.761

67, 35.496, 21.761

97, 35.496, 21.761

57, 35.496, 21.761

47, 35.496, 21.761

37, 35.496, 21.761

27, 35.496, 21.761

17, 35.496, 21.761

7, 35.496, 21.761

0, 35.496, 21.761

77, 35.496, 21.761

77, 35.496, 21.761

71, 47.016, 23.399

83, 24.273, 20.478

66, 59.082, 25.549

90, 13.924, 19.488

61, 71.197, 28.305

97, 4.322, 18.629

57, 82.901, 31.681

100, 0.012,
296.813

55, 93.498, 35.412

54, 101.488,
38.620

53, 104.130,
39.691

Harmonies

Complementary

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



77, 35.496, 21.761



95, 27.809, 196.642

Rectangle

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



77, 35.496, 21.761



77, 35.496, 71.761



77, 35.496, 201.761



77, 35.496, 251.761

Sweetspot

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



77, 35.340, 21.747



93, 9.257, 19.082



79, 55.092, 325.848



49, 6.350, 19.199



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, 35.340, 21.747



73, 43.737, 22.897



87, 29.201, 69.316



49, 5.253, 19.041



40, 83.719, 39.559



10, 33.274, 26.733

Inverse Universe

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



77, 35.340, 21.747



73, 43.737, 22.897



83, 26.174, 259.319



49, 5.253, 19.041



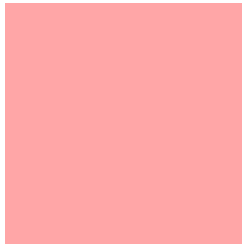
40, 83.719, 39.559



10, 33.274, 26.733

Previews

White Background



This preview shows how the CIELCh color 77, 35.496, 21.761 looks on a white background.

Color Contrast Check

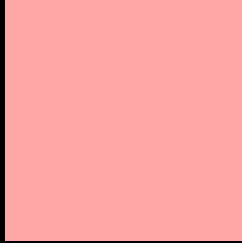
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 35.496, 21.761 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, 35.496, 21.761

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.496, 21.761.

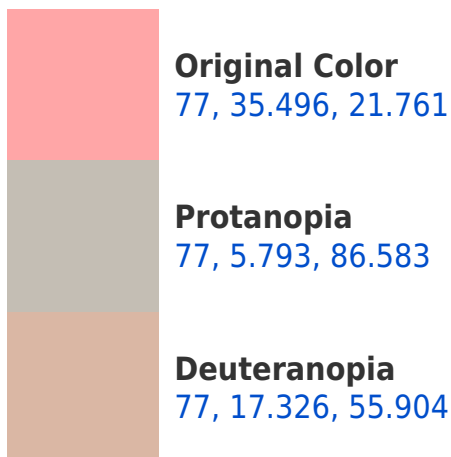


This preview shows how white text looks on a background with the CIELCh color 77, 35.496, 21.761.

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, 35.496, 21.761



Protanomaly
77, 14.383, 33.299



Deuteranomaly
77, 22.613, 37.387



Tritanomaly
77, 35.586, 15.934

Monochromacy



Original Color
77, 35.496, 21.761



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 12.604, 17.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.496, 21.761 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.496, 21.761 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, 167) }
```

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

```
.border{ border-color:rgb(255, 166, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.496, 21.761 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
166, 167) }
```

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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