

Converting Colors

CIELCh(77, 35.651, 28.048)

Have a look what the booklet for
CIELCh(77, 35.651, 28.048) contains.

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Color

CIELCh(77, 35.796, 27.541)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7A1
RGB	255, 167, 161
RGB Percent	100%, 65%, 63%
CMY	0.0000, 0.3447, 0.3682
CMYK	0.00, 0.34, 0.37, 0.00
HSL	4°, 100%, 82%
HSV	4°, 37%, 100%
XYZ	61.5592, 51.5317, 40.4657
YIQ	192.6280, 54.3740, 16.7900

Conversions

Conversions Part 2

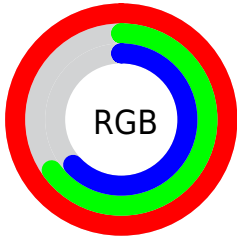
Format	Color
R _Y B	255, 167, 161
Decimal	16754593
CIE Lab	77.00, 31.74, 16.55
CIE LCh	77, 35.796, 27.541
Yxy	51.5317, 0.4009, 0.3356
Android (android.graphics.Color)	4294944673 (0xFFFFA7A1)
YUV	192.6280, -15.5926, 54.7002
Hunter-Lab	71.7856, 27.4465, 16.8281

Details

The CIELCh color **77, 35.796, 27.541** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 27.277, 204.335**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.425, 36.979**, and **57, 35.902, 27.937** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.170, 28.860**, and if you desaturate by 10%, it is **83, 25.026, 26.568**.

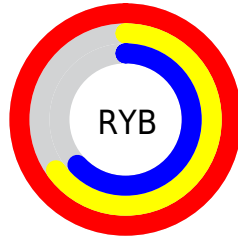
Distribution



Red (100%)

Green (65%)

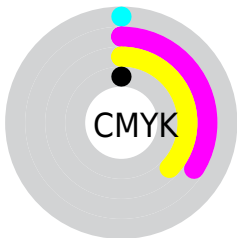
Blue (63%)



Red (100%)

Yellow (65%)

Blue (63%)

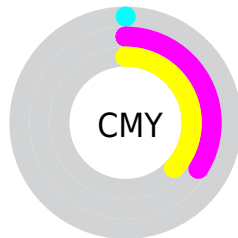


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.796, 27.541 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, 35.796, 27.541 by changing the saturation by 10% instead.

77, 35.796, 27.541

77, 35.796, 27.541

100, 35.796,
27.541

67, 35.796, 27.541

97, 35.796, 27.541

57, 35.796, 27.541

47, 35.796, 27.541

37, 35.796, 27.541

27, 35.796, 27.541

17, 35.796, 27.541

7, 35.796, 27.541

0, 35.796, 27.541

77, 35.796, 27.541

77, 35.796, 27.541

71, 47.170, 28.860

83, 25.026, 26.568

66, 59.134, 30.588

89, 15.065, 25.836

62, 71.360, 32.790

96, 5.863, 25.249

58, 83.373, 35.416

100, 0.012,
296.813

56, 94.247, 38.121

54, 101.994,
39.987

54, 103.762,
40.482

Harmonies

Complementary

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



77, 35.796, 27.541



93, 27.277, 204.335

Rectangle

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



77, 35.796, 27.541



77, 35.796, 77.541



77, 35.796, 207.541



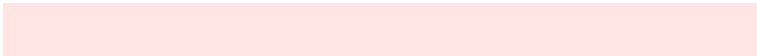
77, 35.796, 257.541

Sweetspot

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



77, 35.749, 27.548



93, 9.616, 25.489



78, 56.559, 327.879



49, 6.497, 25.567



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, 35.749, 27.548



73, 43.881, 28.451



88, 32.056, 75.784



50, 4.939, 25.404



40, 83.347, 40.653



10, 32.113, 30.305

Inverse Universe

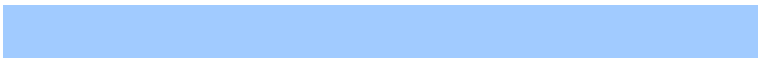
The Inverse Universe completely reimagines the original color for something new.



93, 27.277, 204.335



92, 31.468, 204.341



81, 29.810, 266.962



52, 4.643, 204.872



67, 37.166, 207.254



22, 17.245, 205.840

Previews

White Background



This preview shows how the CIELCh color 77, 35.796, 27.541 looks on a white background.

Color Contrast Check

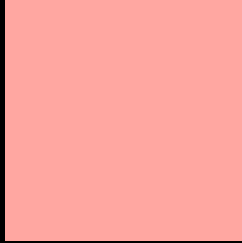
Large Text (above 18pt) WCAG AA × Fail

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, 35.796, 27.541 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, 35.796, 27.541

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.796, 27.541.

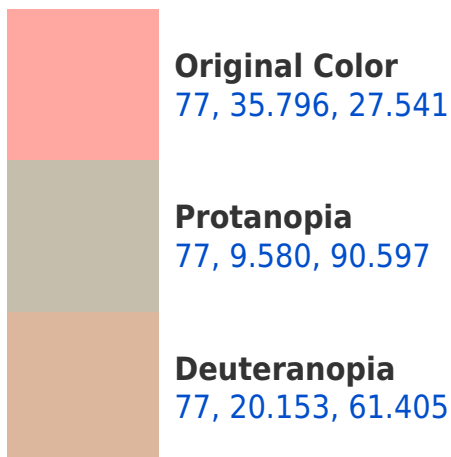


This preview shows how white text looks on a background with the CIELCh color 77, 35.796, 27.541.

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, 35.796, 27.541

Protanomaly
77, 16.218, 45.636

Deuteranomaly
77, 24.794, 43.644

Tritanomaly
77, 35.247, 18.366

Monochromacy



Original Color
77, 35.796, 27.541

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.400, 27.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.796, 27.541 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, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 161)  
}
```

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, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.796, 27.541 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, 167, 161) }
```

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

```
.border{ border-color:rgb(255, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.796, 27.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 161) }
```

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

```
.background{ background-color: rgb(255,  
167, 161) }
```

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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