

Converting Colors

CIELCh(80, 45.086, 28.792)

Have a look what the booklet for
CIELCh(80, 45.086, 28.792) contains.

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Color

CIELCh(77, 35.627, 29.186)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8A0
RGB	255, 168, 160
RGB Percent	100%, 66%, 63%
CMY	0.0019, 0.3429, 0.3742
CMYK	0.00, 0.34, 0.37, 0.00
HSL	5°, 99%, 81%
HSV	5°, 37%, 100%
XYZ	61.2882, 51.5317, 39.7757
YIQ	193.1010, 54.4200, 15.9560

Conversions

Conversions Part 2

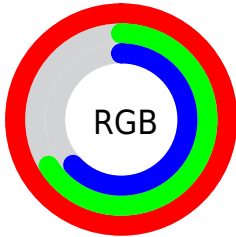
Format	Color
R _Y B	255, 169, 160
Decimal	16754848
CIE Lab	77.00, 31.10, 17.37
CIE LCh	77, 35.627, 29.186
Yxy	51.5317, 0.4016, 0.3377
Android (android.graphics.Color)	4294944928 (0xFFFFA8A0)
YUV	193.1010, -16.3188, 54.2854
Hunter-Lab	71.7856, 26.7726, 17.3979

Details

The CIELCh color **77, 35.627, 29.186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 27.024, 206.651**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.440, 41.920**, and **57, 35.572, 28.775** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.922, 30.384**, and if you desaturate by 10%, it is **83, 25.043, 28.310**.

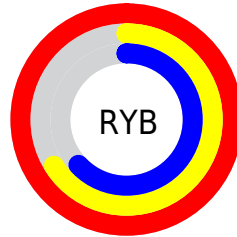
Distribution



Red (100%)

Green (66%)

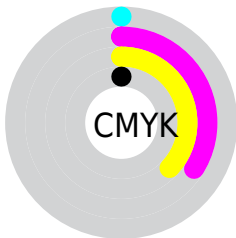
Blue (63%)



Red (100%)

Yellow (66%)

Blue (63%)

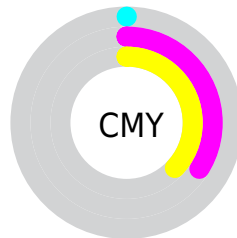


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.627, 29.186 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, 35.627, 29.186 by changing the saturation by 10% instead.

77, 35.627, 29.186

77, 35.627, 29.186

100, 35.627,
29.186

67, 35.627, 29.186

97, 35.627, 29.186

57, 35.627, 29.186

47, 35.627, 29.186

37, 35.627, 29.186

27, 35.627, 29.186

17, 35.627, 29.186

7, 35.627, 29.186

0, 35.627, 29.186

77, 35.627, 29.186

77, 35.627, 29.186

71, 46.922, 30.384

83, 25.043, 28.310

66, 58.795, 31.966

89, 15.226, 27.666

62, 70.979, 33.983

95, 6.165, 27.163

58, 83.002, 36.373

100, 0.170,
203.304

56, 93.903, 38.784

54, 101.671,
40.334

54, 103.245,
40.704

Harmonies

Complementary

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



77, 35.627, 29.186



92, 27.024, 206.651

Rectangle

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



77, 35.627, 29.186



77, 35.627, 79.186



77, 35.627, 209.186



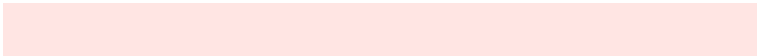
77, 35.627, 259.186

Sweetspot

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



77, 35.625, 29.191



93, 9.443, 27.344



78, 55.908, 328.934



49, 6.381, 27.410



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, 35.625, 29.191



73, 44.331, 30.078



88, 33.098, 78.898



50, 4.850, 27.272



40, 83.012, 40.909



11, 31.755, 31.298

Inverse Universe

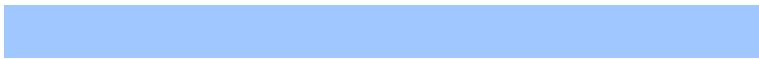
The Inverse Universe completely reimagines the original color for something new.



92, 27.024, 206.651



91, 31.426, 206.772



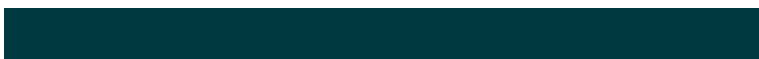
79, 31.393, 270.293



52, 4.558, 206.896



65, 36.421, 211.107



22, 16.919, 209.155

Previews

White Background



This preview shows how the CIELCh color 77, 35.627, 29.186 looks on a white background.

Color Contrast Check

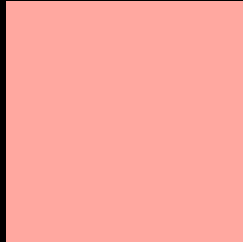
Large Text (above 18pt) WCAG AA × Fail

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, 35.627, 29.186 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, 35.627, 29.186

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.627, 29.186.



This preview shows how white text looks on a background with the CIELCh color 77, 35.627, 29.186.

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



Original Color

77, 35.627, 29.186

Protanopia

77, 10.721, 90.303

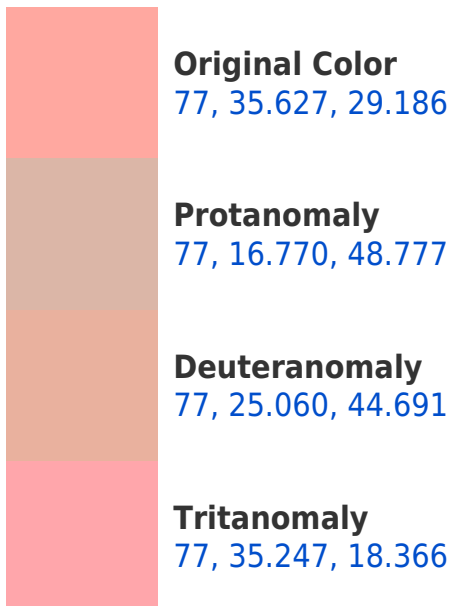
Deuteranopia

77, 20.848, 61.665

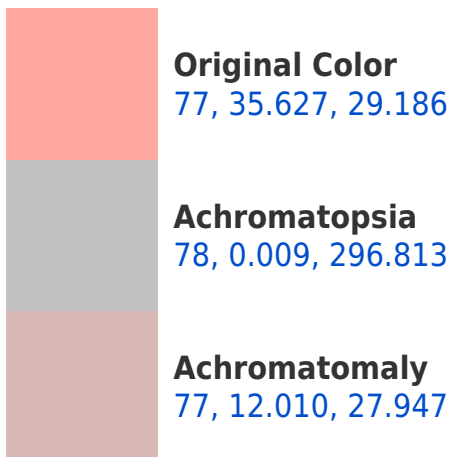


Tritanopia
77, 35.587, 11.686

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.627, 29.186 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, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 160)  
}
```

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, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.627, 29.186 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, 168, 160) }
```

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

```
.border{ border-color:rgb(255, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.627, 29.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 160) }
```

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

```
.background{ background-color: rgb(255,  
168, 160) }
```

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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