

Converting Colors

CIELCh(79, 44.999, 35.324)

Have a look what the booklet for
CIELCh(79, 44.999, 35.324) contains.

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Color

CIELCh(77, 37.732, 37.609)

Conversions

Conversions Part 1

Format	Color
Hex	FFA895
RGB	255, 168, 149
RGB Percent	100%, 66%, 58%
CMY	0.0000, 0.3405, 0.4151
CMYK	0.00, 0.34, 0.42, 0.00
HSL	11°, 100%, 79%
HSV	11°, 42%, 100%
XYZ	60.7734, 51.5317, 35.2415
YIQ	191.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

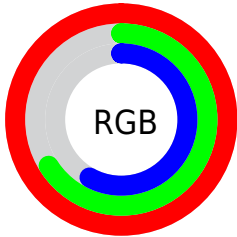
Format	Color
R _Y B	255, 172, 149
Decimal	16754837
CIE Lab	77.00, 29.89, 23.03
CIE LCh	77, 37.732, 37.609
Yxy	51.5317, 0.4119, 0.3493
Android (android.graphics.Color)	4294944917 (0xFFFFA895)
YUV	191.8470, -21.1236, 55.3852
Hunter-Lab	71.7856, 25.4926, 21.1429

Details

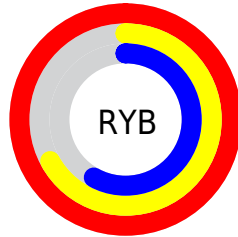
The CIELCh color **77, 37.732, 37.609** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 27.609, 219.083**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.043, 62.225**, and **57, 37.949, 37.584** is the 20% darker color. If you saturate the color by 10%, you get **72, 48.650, 38.263**, and if you desaturate by 10%, it is **82, 27.414, 37.248**.

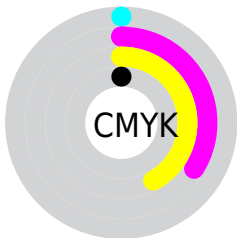
Distribution



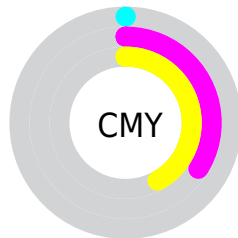
- Red (100%)
- Green (66%)
- Blue (58%)



- Red (100%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.732, 37.609 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, 37.732, 37.609 by changing the saturation by 10% instead.

77, 37.732, 37.609

77, 37.732, 37.609

100, 37.732,
37.609

67, 37.732, 37.609

97, 37.732, 37.609

57, 37.732, 37.609

47, 37.732, 37.609

37, 37.732, 37.609

27, 37.732, 37.609

17, 37.732, 37.609

7, 37.732, 37.609

0, 37.732, 37.609

77, 37.732, 37.609

77, 37.732, 37.609

72, 48.650, 38.263

82, 27.414, 37.248

67, 60.280, 39.155

88, 17.936, 37.046

63, 72.288, 40.298

93, 9.201, 36.974

60, 84.095, 41.538

99, 1.155, 36.554

57, 94.397, 42.409

100, 0.012,
296.813

55, 100.667,
42.479

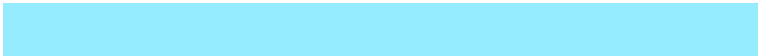
Harmonies

Complementary

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



77, 37.732, 37.609



89, 27.609, 219.083

Rectangle

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



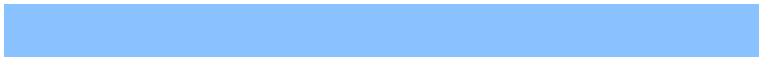
77, 37.732, 37.609



77, 37.732, 87.609



77, 37.732, 217.609



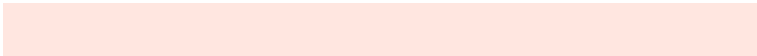
77, 37.732, 267.609

Sweetspot

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



77, 37.659, 37.638



93, 9.614, 36.976



75, 58.581, 332.031



49, 6.412, 36.981



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, 37.659, 37.638



73, 46.948, 38.152



89, 39.281, 85.630



50, 4.508, 36.965



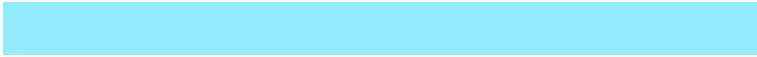
42, 80.651, 42.853



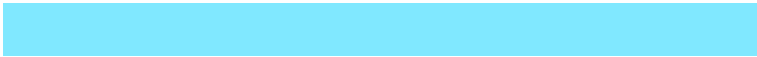
11, 30.280, 36.043

Inverse Universe

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



89, 27.609, 219.083



87, 31.848, 219.973



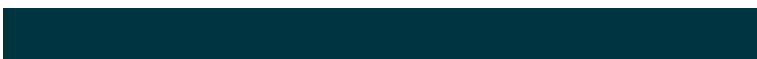
75, 39.013, 278.297



52, 4.242, 217.412



60, 35.135, 231.201



19, 16.135, 226.478

Previews

White Background



This preview shows how the CIELCh color 77, 37.732, 37.609 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, 37.732, 37.609 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, 37.732, 37.609

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.732, 37.609.



This preview shows how white text looks on a background with the CIELCh color 77, 37.732, 37.609.

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, 37.732, 37.609

Protanopia

77, 16.591, 93.502

Deuteranopia

77, 26.232, 68.399



Tritanopia
77, 35.569, 12.535

Trichromacy



Original Color
77, 37.732, 37.609

Protanomaly
77, 21.186, 60.926

Deuteranomaly
77, 29.159, 55.011

Tritanomaly
77, 35.496, 21.761

Monochromacy



Original Color
77, 37.732, 37.609

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.977, 36.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.732, 37.609 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.732, 37.609 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, 149) }
```

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

```
.border{ border-color:rgb(255, 168, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.732, 37.609 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
168, 149) }
```

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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