

Converting Colors

CIELCh(87, 61.089, 27.937)

Have a look what the booklet for
CIELCh(87, 61.089, 27.937) contains.

CIELCh(79, 32.770, 28.538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 32.770, 28.538)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA8
RGB	255, 175, 168
RGB Percent	100%, 69%, 66%
CMY	0.0000, 0.3139, 0.3414
CMYK	0.00, 0.31, 0.34, 0.00
HSL	5°, 100%, 83%
HSV	5°, 34%, 100%
XYZ	64.0114, 54.9284, 44.2451
YIQ	198.1220, 49.9270, 14.7830

Conversions

Conversions Part 2

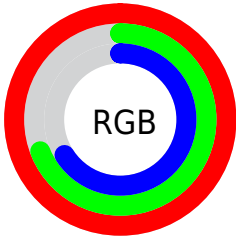
Format	Color
R _Y B	255, 176, 168
Decimal	16756648
CIE Lab	79.00, 28.79, 15.66
CIE LCh	79, 32.770, 28.538
Yxy	54.9284, 0.3923, 0.3366
Android (android.graphics.Color)	4294946728 (0xFFFFAFA8)
YUV	198.1220, -14.8501, 49.8820
Hunter-Lab	74.1137, 24.4700, 16.4841

Details

The CIELCh color **79, 32.770, 28.538** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.205, 206.224**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.718, 44.830**, and **59, 32.125, 28.786** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.465, 29.704**, and if you desaturate by 10%, it is **85, 21.954, 27.778**.

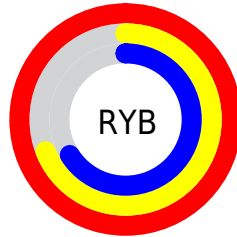
Distribution



Red (100%)

Green (69%)

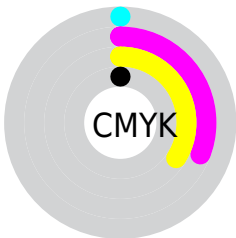
Blue (66%)



Red (100%)

Yellow (69%)

Blue (66%)

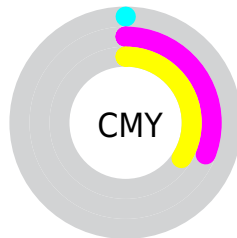


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.770, 28.538 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 79, 32.770, 28.538 by changing the saturation by 10% instead.

 79, 32.770, 28.538

 79, 32.770, 28.538

 100, 32.770,
28.538

 69, 32.770, 28.538

 99, 32.770, 28.538

 59, 32.770, 28.538

 49, 32.770, 28.538

 39, 32.770, 28.538

 29, 32.770, 28.538

 19, 32.770, 28.538

 9, 32.770, 28.538

 0, 32.770, 28.538

 79, 32.770, 28.538

 79, 32.770, 28.538

73, 43.465, 29.704

85, 21.954, 27.778

68, 55.215, 31.183

91, 12.337, 27.176

63, 67.368, 33.096

97, 3.466, 26.632

59, 79.528, 35.428

100, 0.012,
296.813

57, 90.941, 37.949

55, 99.950, 39.931

54, 103.466,
40.661

Harmonies

Complementary

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



79, 32.770, 28.538



93, 25.205, 206.224

Rectangle

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



79, 32.770, 28.538



79, 32.770, 78.538



79, 32.770, 208.538



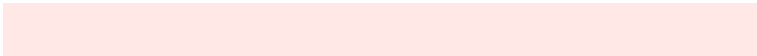
79, 32.770, 258.538

Sweetspot

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



79, 32.341, 28.594



94, 8.575, 26.966



80, 51.977, 328.235



49, 5.885, 27.036



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.341, 28.594



75, 39.897, 29.319



89, 29.866, 77.760



50, 4.865, 26.941



40, 83.075, 40.860



11, 31.816, 31.125

Inverse Universe

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



93, 25.205, 206.224



92, 29.317, 206.278



82, 28.198, 268.003



52, 4.573, 206.538



66, 36.540, 210.422



22, 16.972, 208.566

Previews

White Background



This preview shows how the CIELCh color 79, 32.770, 28.538 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 79, 32.770, 28.538 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 79, 32.770, 28.538

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.770, 28.538.

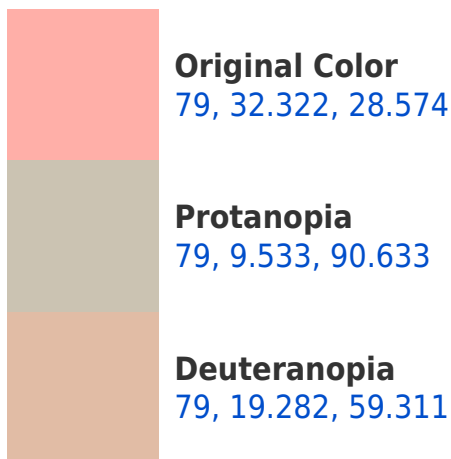


This preview shows how white text looks on a background with the CIELCh color 79, 32.770, 28.538.

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
79, 32.226, 10.110

Trichromacy



Original Color
79, 32.322, 28.574

Protanomaly
79, 15.301, 49.239

Deuteranomaly
79, 23.201, 43.629

Tritanomaly
79, 31.747, 17.477

Monochromacy



Original Color
79, 32.322, 28.574

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.156, 28.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.770, 28.538 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, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 168)  
}
```

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, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.770, 28.538 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, 175, 168) }
```

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

```
.border{ border-color:rgb(255, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.770, 28.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 168) }
```

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

```
.background{ background-color: rgb(255,  
175, 168) }
```

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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