

Converting Colors

CIELCh(100, 101.028, 34.148)

Have a look what the booklet for
CIELCh(100, 101.028, 34.148)
contains.

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Color

CIELCh(79, 36.076, 43.109)

Conversions

Conversions Part 1

Format	Color
Hex	FFB097
RGB	255, 176, 151
RGB Percent	100%, 69%, 59%
CMY	0.0000, 0.3087, 0.4069
CMYK	0.00, 0.31, 0.41, 0.00
HSL	14°, 100%, 80%
HSV	14°, 41%, 100%
XYZ	62.9434, 54.9284, 36.6622
YIQ	196.7710, 55.1090, 8.9730

Conversions

Conversions Part 2

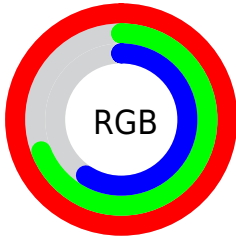
Format	Color
R _Y B	255, 184, 151
Decimal	16756887
CIE Lab	79.00, 26.34, 24.65
CIE LCh	79, 36.076, 43.109
Yxy	54.9284, 0.4073, 0.3554
Android (android.graphics.Color)	4294946967 (0xFFFFB097)
YUV	196.7710, -22.5651, 51.0668
Hunter-Lab	74.1137, 21.8979, 22.5503

Details

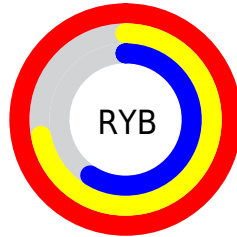
The CIELCh color **79, 36.076, 43.109** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 26.652, 227.765**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.392, 77.088**, and **59, 35.641, 43.346** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.083, 43.563**, and if you desaturate by 10%, it is **84, 25.704, 43.461**.

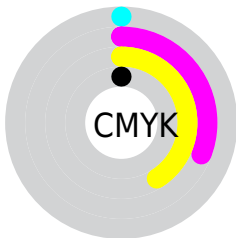
Distribution



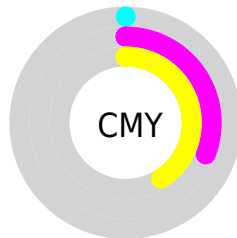
- Red (100%)
- Green (69%)
- Blue (59%)



- Red (100%)
- Yellow (72%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 36.076, 43.109 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, 36.076, 43.109 by changing the saturation by 10% instead.

79, 36.076, 43.109

79, 36.076, 43.109

100, 36.076,
43.109

69, 36.076, 43.109

99, 36.076, 43.109

59, 36.076, 43.109

49, 36.076, 43.109

39, 36.076, 43.109

29, 36.076, 43.109

19, 36.076, 43.109

9, 36.076, 43.109

0, 36.076, 43.109

79, 36.076, 43.109

79, 36.076, 43.109

74, 46.083, 43.563

84, 25.704, 43.461

70, 57.310, 43.886

89, 16.625, 43.632

66, 68.990, 44.369

94, 8.247, 43.891

62, 80.600, 44.871

100, 0.510, 43.101

59, 90.964, 44.992

100, 0.012,
296.813

57, 98.095, 44.371

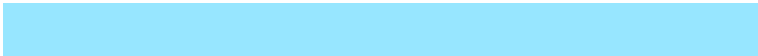
Harmonies

Complementary

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



79, 36.076, 43.109



87, 26.652, 227.765

Rectangle

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



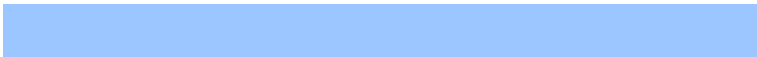
79, 36.076, 43.109



79, 36.076, 93.109



79, 36.076, 223.109



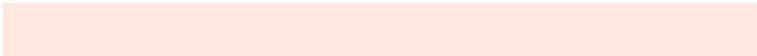
79, 36.076, 273.109

Sweetspot

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



79, 35.523, 43.427



94, 9.304, 43.855



76, 54.952, 334.541



49, 6.204, 43.820



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, 35.523, 43.427



75, 44.245, 43.527



91, 40.606, 90.937



50, 4.364, 43.922



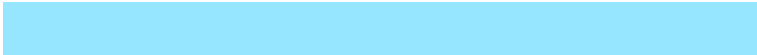
43, 78.524, 44.850



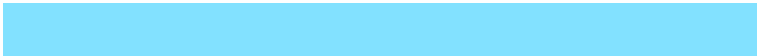
12, 29.373, 39.699

Inverse Universe

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



87, 26.652, 227.765



85, 30.908, 229.056



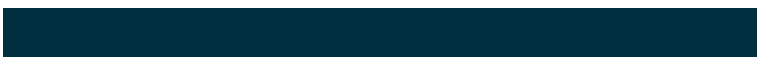
74, 41.681, 282.791



51, 4.122, 224.933



56, 36.536, 244.572



18, 16.402, 238.365

Previews

White Background



This preview shows how the CIELCh color 79, 36.076, 43.109 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 79, 36.076, 43.109 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, 36.076, 43.109

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.076, 43.109.

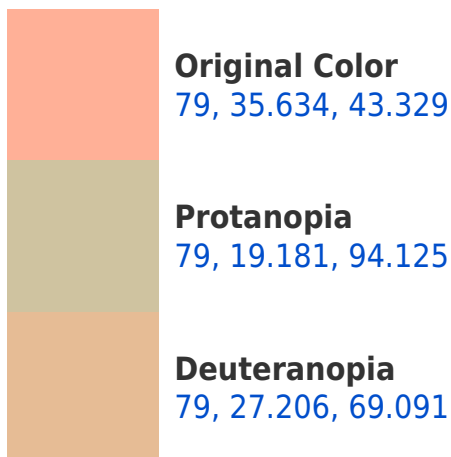


This preview shows how white text looks on a background with the CIELCh color 79, 36.076, 43.109.

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, 32.188, 11.042

Trichromacy



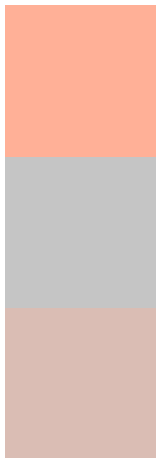
Original Color
79, 35.634, 43.329

Protanomaly
79, 22.148, 67.740

Deuteranomaly
79, 29.326, 58.231

Tritanomaly
79, 32.095, 23.100

Monochromacy



Original Color
79, 35.634, 43.329

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.185, 43.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.076, 43.109 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, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 151)  
}
```

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, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.076, 43.109 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, 176, 151) }
```

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

```
.border{ border-color:rgb(255, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.076, 43.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 151) }
```

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

```
.background{ background-color: rgb(255,  
176, 151) }
```

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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