

Converting Colors

CIELCh(88, 65.027, 30.461)

Have a look what the booklet for
CIELCh(88, 65.027, 30.461) contains.

CIELCh(79, 33.751, 33.691)	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, 33.751, 33.691)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA2
RGB	255, 175, 162
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3125, 0.3636
CMYK	0.00, 0.31, 0.36, 0.00
HSL	8°, 100%, 82%
HSV	8°, 36%, 100%
XYZ	63.7024, 54.9284, 41.5539
YIQ	197.4380, 51.8530, 12.9170

Conversions

Conversions Part 2

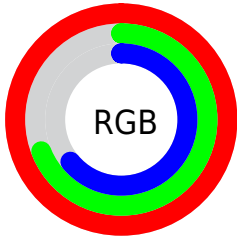
Format	Color
R _Y B	255, 177, 162
Decimal	16756642
CIE Lab	79.00, 28.08, 18.72
CIE LCh	79, 33.751, 33.691
Yxy	54.9284, 0.3977, 0.3429
Android (android.graphics.Color)	4294946722 (0xFFFFAFA2)
YUV	197.4380, -17.4709, 50.4819
Hunter-Lab	74.1137, 23.7260, 18.6370

Details

The CIELCh color **79, 33.751, 33.691** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 25.341, 213.530**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 11.448, 58.623**, and **59, 33.265, 34.271** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.039, 34.635**, and if you desaturate by 10%, it is **84, 23.061, 33.334**.

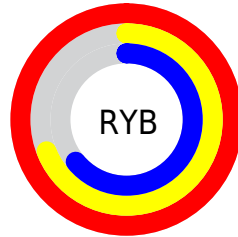
Distribution



Red (100%)

Green (69%)

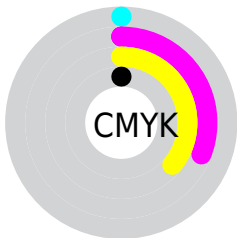
Blue (64%)



Red (100%)

Yellow (69%)

Blue (64%)

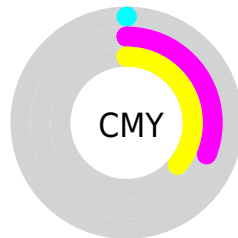


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.751, 33.691 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, 33.751, 33.691 by changing the saturation by 10% instead.

79, 33.751, 33.691

79, 33.751, 33.691

100, 33.751,
33.691

69, 33.751, 33.691

99, 33.751, 33.691

59, 33.751, 33.691

49, 33.751, 33.691

39, 33.751, 33.691

29, 33.751, 33.691

19, 33.751, 33.691

9, 33.751, 33.691

0, 33.751, 33.691

79, 33.751, 33.691

79, 33.751, 33.691

74, 44.039, 34.635

84, 23.061, 33.334

69, 55.585, 35.713

90, 13.720, 32.996

64, 67.612, 37.122

96, 5.116, 32.749

60, 79.713, 38.805

100, 0.012,
296.813

57, 91.009, 40.474

55, 99.615, 41.379

55, 101.982,
41.596

Harmonies

Complementary

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



79, 33.751, 33.691



91, 25.341, 213.530

Rectangle

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



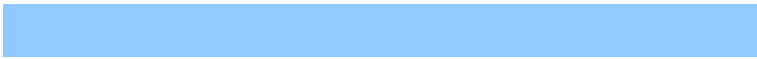
79, 33.751, 33.691



79, 33.751, 83.691



79, 33.751, 213.691



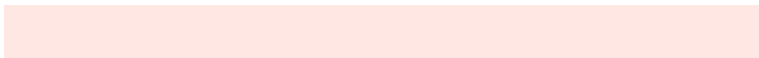
79, 33.751, 263.691

Sweetspot

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



79, 33.170, 33.860



93, 9.017, 32.866



78, 52.810, 330.522



49, 6.093, 32.897



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, 33.170, 33.860



75, 41.404, 34.426



90, 33.405, 83.533



50, 4.631, 32.831



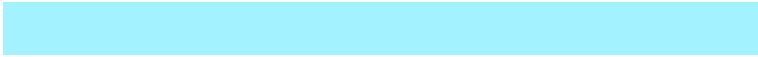
41, 81.767, 41.902



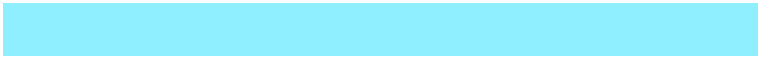
11, 30.847, 34.076

Inverse Universe

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



91, 25.341, 213.530



89, 29.561, 213.961



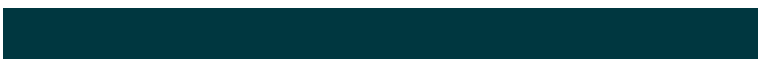
79, 32.618, 274.477



52, 4.354, 212.928



62, 35.180, 222.711



20, 16.292, 219.122

Previews

White Background



This preview shows how the CIELCh color 79, 33.751, 33.691 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, 33.751, 33.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

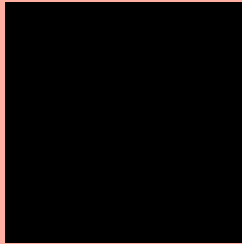
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 33.751, 33.691

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.751, 33.691.



This preview shows how white text looks on a background with the CIELCh color 79, 33.751, 33.691.

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

79, 33.302, 33.796

Protanopia

79, 12.818, 91.473

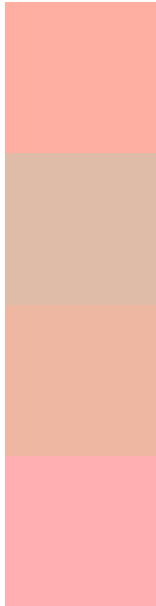
Deuteranopia

79, 21.800, 62.896



Tritanopia
79, 32.188, 11.042

Trichromacy



Original Color
79, 33.302, 33.796

Protanomaly
79, 17.565, 57.252

Deuteranomaly
79, 24.963, 48.533

Tritanomaly
79, 31.826, 19.365

Monochromacy



Original Color
79, 33.302, 33.796

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.404, 33.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.751, 33.691 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.751, 33.691 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, 162) }
```

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

```
.border{ border-color:rgb(255, 175, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.751, 33.691 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
175, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor