

Converting Colors

CIELCh(79, 31.857, 11.300)

Have a look what the booklet for
CIELCh(79, 31.857, 11.300) contains.

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Color

CIELCh(79, 31.738, 11.789)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB9
RGB	255, 174, 185
RGB Percent	100%, 68%, 73%
CMY	0.0007, 0.3183, 0.2752
CMYK	0.00, 0.32, 0.27, 0.00
HSL	352°, 100%, 84%
HSV	352°, 32%, 100%
XYZ	65.0156, 54.9284, 52.9821
YIQ	199.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

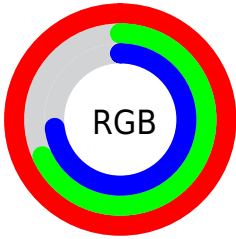
Format	Color
R _Y B	255, 174, 185
Decimal	16756409
CIE Lab	79.00, 31.07, 6.48
CIE LCh	79, 31.738, 11.789
Yxy	54.9284, 0.3760, 0.3176
Android (android.graphics.Color)	4294946489 (0xFFFFAEB9)
YUV	199.4730, -7.1352, 48.6972
Hunter-Lab	74.1137, 26.8887, 9.4946

Details

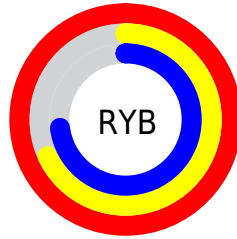
The CIELCh color **79, 31.738, 11.789** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 26.982, 185.554**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 10.589, 347.843**, and **59, 31.737, 12.122** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.686, 13.494**, and if you desaturate by 10%, it is **85, 21.163, 10.422**.

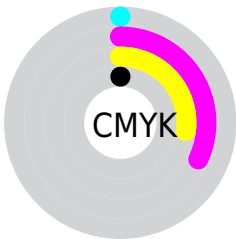
Distribution



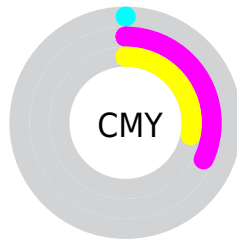
- Red (100%)
- Green (68%)
- Blue (73%)



- Red (100%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.738, 11.789 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, 31.738, 11.789 by changing the saturation by 10% instead.

79, 31.738, 11.789

79, 31.738, 11.789

100, 31.738,
11.789

69, 31.738, 11.789

99, 31.738, 11.789

59, 31.738, 11.789

49, 31.738, 11.789

39, 31.738, 11.789

29, 31.738, 11.789

19, 31.738, 11.789

9, 31.738, 11.789

0, 31.738, 11.789

79, 31.738, 11.789

79, 31.738, 11.789

73, 42.686, 13.494

85, 21.163, 10.422

67, 53.772, 15.642

92, 11.109, 9.284

63, 64.641, 18.377

99, 1.629, 8.029

59, 74.891, 21.838

100, 0.063,
209.920

56, 84.179, 26.085

54, 92.291, 30.936

53, 97.981, 34.839

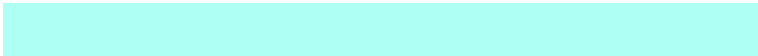
Harmonies

Complementary

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



79, 31.738, 11.789



95, 26.982, 185.554

Rectangle

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



79, 31.738, 11.789



79, 31.738, 61.789



79, 31.738, 191.789



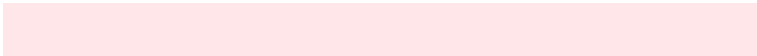
79, 31.738, 241.789

Sweetspot

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



79, 31.735, 11.793



93, 9.385, 9.097



80, 48.812, 321.755



49, 6.431, 9.245



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, 31.735, 11.793



75, 38.539, 12.806



85, 25.903, 55.154



50, 5.328, 9.046



40, 78.205, 33.963



10, 32.367, 21.619

Inverse Universe

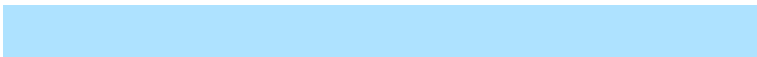
The Inverse Universe completely reimagines the original color for something new.



79, 31.735, 11.793



75, 38.539, 12.806



87, 21.786, 241.755



50, 5.328, 9.046



40, 78.205, 33.963



10, 32.367, 21.619

Previews

White Background



This preview shows how the CIELCh color 79, 31.738, 11.789 looks on a white background.

Color Contrast Check

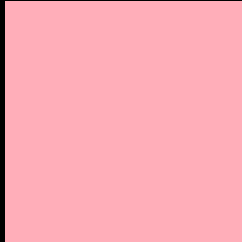
Large Text (above 18pt) WCAG AA × Fail

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, 31.738, 11.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

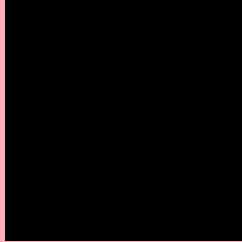
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.738, 11.789

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.738, 11.789.



This preview shows how white text looks on a background with the CIELCh color 79, 31.738, 11.789.

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, 31.738, 11.789

Protanopia

79, 1.831, 343.593

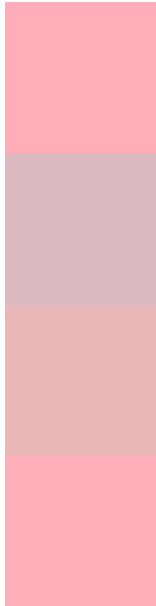
Deuteranopia

79, 12.508, 37.488



Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.738, 11.789

Protanomaly
79, 12.448, 5.584

Deuteranomaly
79, 19.319, 20.984

Tritanomaly
79, 31.770, 10.844

Monochromacy



Original Color
79, 31.738, 11.789

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.095, 9.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.738, 11.789 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, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 185)  
}
```

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, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.738, 11.789 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, 174, 185) }
```

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

```
.border{ border-color:rgb(255, 174, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.738, 11.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 185) }
```

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

```
.background{ background-color: rgb(255,  
174, 185) }
```

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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