

Converting Colors

CIELCh(95, 87.445, 36.333)

Have a look what the booklet for
CIELCh(95, 87.445, 36.333) contains.

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Color

CIELCh(79, 37.244, 48.320)

Conversions

Conversions Part 1

Format	Color
Hex	FFB191
RGB	255, 177, 145
RGB Percent	100%, 69%, 57%
CMY	0.0000, 0.3047, 0.4303
CMYK	0.00, 0.30, 0.43, 0.00
HSL	18°, 100%, 78%
HSV	18°, 43%, 100%
XYZ	62.2651, 54.9284, 34.2187
YIQ	196.6740, 56.7600, 6.5840

Conversions

Conversions Part 2

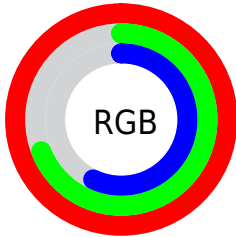
Format	Color
R _Y B	255, 190, 145
Decimal	16757137
CIE Lab	79.00, 24.77, 27.82
CIE LCh	79, 37.244, 48.320
Yxy	54.9284, 0.4112, 0.3628
Android (android.graphics.Color)	4294947217 (0xFFFFB191)
YUV	196.6740, -25.4753, 51.1519
Hunter-Lab	74.1137, 20.2641, 24.5051

Details

The CIELCh color **79, 37.244, 48.320** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 27.968, 235.513**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 19.391, 83.189**, and **59, 37.408, 48.458** is the 20% darker color. If you saturate the color by 10%, you get **74, 47.563, 48.211**, and if you desaturate by 10%, it is **84, 27.384, 48.739**.

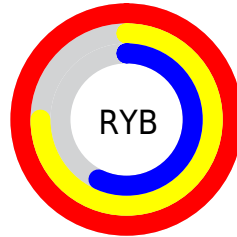
Distribution



Red (100%)

Green (69%)

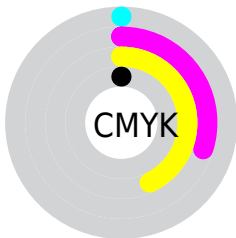
Blue (57%)



Red (100%)

Yellow (75%)

Blue (57%)

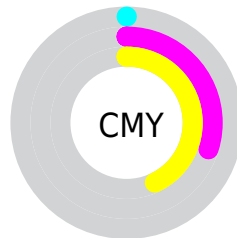


Cyan (0%)

Magenta (30%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.244, 48.320 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, 37.244, 48.320 by changing the saturation by 10% instead.

79, 37.244, 48.320

79, 37.244, 48.320

100, 37.244,
48.320

69, 37.244, 48.320

99, 37.244, 48.320

59, 37.244, 48.320

49, 37.244, 48.320

39, 37.244, 48.320

29, 37.244, 48.320

19, 37.244, 48.320

9, 37.244, 48.320

0, 37.244, 48.320

79, 37.244, 48.320

79, 37.244, 48.320

74, 47.563, 48.211

84, 27.384, 48.739

70, 58.612, 48.138

88, 18.349, 49.176

66, 70.010, 48.136

93, 9.984, 49.685

63, 81.129, 48.019

98, 2.232, 50.076

60, 90.637, 47.337

100, 0.012,
296.813

58, 95.661, 46.403

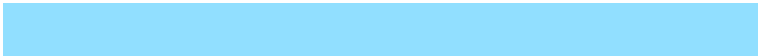
Harmonies

Complementary

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



79, 37.244, 48.320



85, 27.968, 235.513

Rectangle

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



79, 37.244, 48.320



79, 37.244, 98.320



79, 37.244, 228.320



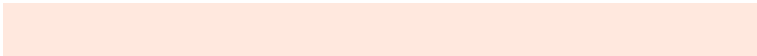
79, 37.244, 278.320

Sweetspot

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



79, 37.124, 48.411



93, 9.959, 49.687



74, 56.018, 336.847



49, 7.029, 49.571



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, 37.124, 48.411



75, 46.457, 48.225



92, 44.809, 94.145



51, 4.297, 49.868



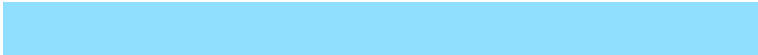
44, 76.555, 46.960



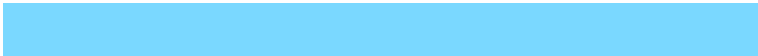
13, 28.666, 43.206

Inverse Universe

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



85, 27.968, 235.513



82, 32.579, 237.369



71, 47.159, 286.359



51, 4.078, 231.317



53, 38.984, 254.701



17, 17.096, 247.753

Previews

White Background



This preview shows how the CIELCh color 79, 37.244, 48.320 looks on a white background.

Color Contrast Check

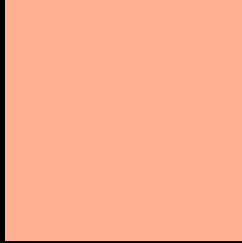
Large Text (above 18pt) WCAG AA × Fail

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, 37.244, 48.320 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, 37.244, 48.320

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.244, 48.320.

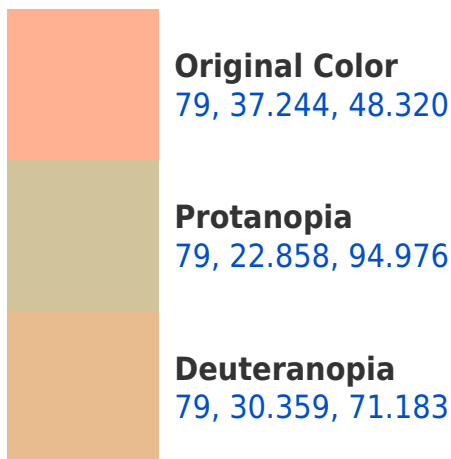


This preview shows how white text looks on a background with the CIELCh color 79, 37.244, 48.320.

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



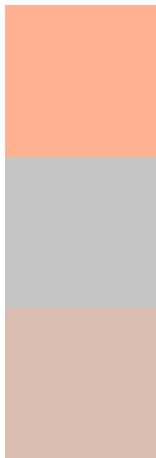
Original Color
79, 37.244, 48.320

Protanomaly
79, 25.412, 71.961

Deuteranomaly
79, 31.948, 61.687

Tritanomaly
79, 31.947, 25.849

Monochromacy



Original Color
79, 37.244, 48.320

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.608, 50.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.244, 48.320 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, 177, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 145)  
}
```

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, 177, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.244, 48.320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

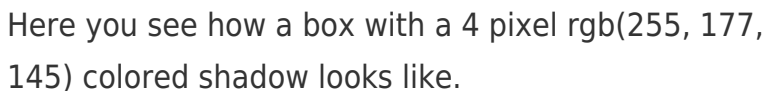
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 177, 145) }
```

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

```
.border{ border-color:rgb(255, 177, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 177, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.244, 48.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 145) }
```

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

```
.background{ background-color: rgb(255,  
177, 145) }
```

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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