

Converting Colors

CIELCh(79, 44.201, 60.160)

Have a look what the booklet for
CIELCh(79, 44.201, 60.160) contains.

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Color

CIELCh(79, 44.264, 60.465)

Conversions

Conversions Part 1

Format	Color
Hex	FFB37D
RGB	255, 179, 125
RGB Percent	100%, 70%, 49%
CMY	0.0004, 0.2983, 0.5101
CMYK	0.00, 0.30, 0.51, 0.00
HSL	25°, 100%, 74%
HSV	25°, 51%, 100%
XYZ	61.0064, 54.9284, 26.7624
YIQ	195.5680, 62.6300, -0.6820

Conversions

Conversions Part 2

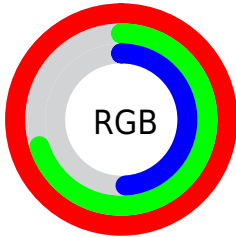
Format	Color
R _Y B	255, 217, 125
Decimal	16757629
CIE Lab	79.00, 21.82, 38.51
CIE LCh	79, 44.264, 60.465
Yxy	54.9284, 0.4275, 0.3849
Android (android.graphics.Color)	4294947709 (0xFFFFB37D)
YUV	195.5680, -34.7900, 52.1219
Hunter-Lab	74.1137, 17.2327, 30.4700

Details

The CIELCh color **79, 44.264, 60.465** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 34.932, 255.012**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 30.207, 92.821**, and **59, 44.135, 60.468** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.477, 59.511**, and if you desaturate by 10%, it is **83, 34.499, 61.446**.

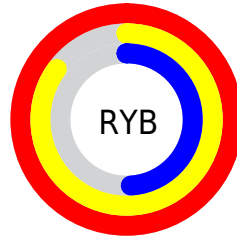
Distribution



Red (100%)

Green (70%)

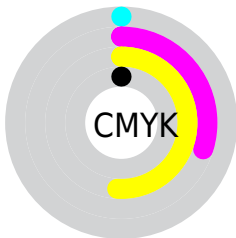
Blue (49%)



Red (100%)

Yellow (85%)

Blue (49%)

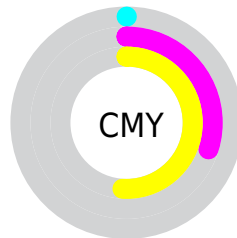


Cyan (0%)

Magenta (30%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 44.264, 60.465 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, 44.264, 60.465 by changing the saturation by 10% instead.

 79, 44.264, 60.465

 79, 44.264, 60.465

 100, 44.264,
60.465

 69, 44.264, 60.465

 99, 44.264, 60.465

 59, 44.264, 60.465

 49, 44.264, 60.465

 39, 44.264, 60.465

 29, 44.264, 60.465

 19, 44.264, 60.465

 9, 44.264, 60.465

 0, 44.264, 60.465

 79, 44.264, 60.465

 79, 44.264, 60.465

75, 54.477, 59.511

83, 34.499, 61.446

72, 64.898, 58.511

87, 25.270, 62.453

68, 74.968, 57.317

91, 16.587, 63.485

65, 83.599, 55.602

95, 8.422, 64.517

63, 89.290, 53.395

100, 0.732, 64.939

100, 0.033,
220.072

Harmonies

Complementary

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



79, 44.264, 60.465



78, 34.932, 255.012

Rectangle

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



79, 44.264, 60.465



79, 44.264, 110.465



79, 44.264, 240.465



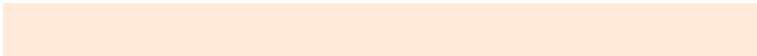
79, 44.264, 290.465

Sweetspot

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



79, 44.263, 60.470



94, 11.637, 64.107



70, 60.759, 343.416



49, 7.991, 63.889



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, 44.263, 60.470



75, 54.501, 59.510



94, 58.332, 100.313



51, 4.337, 64.666



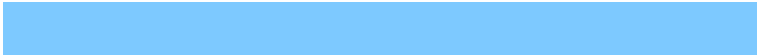
48, 71.547, 54.084



15, 27.344, 53.625

Inverse Universe

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



78, 34.932, 255.012



74, 40.841, 258.144



61, 65.527, 293.947



51, 4.185, 246.934



46, 49.067, 274.557



14, 20.425, 267.435

Previews

White Background



This preview shows how the CIELCh color 79, 44.264, 60.465 looks on a white background.

Color Contrast Check

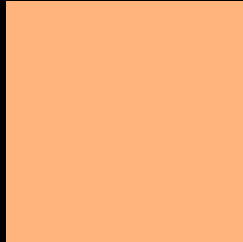
Large Text (above 18pt) WCAG AA × Fail

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, 44.264, 60.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

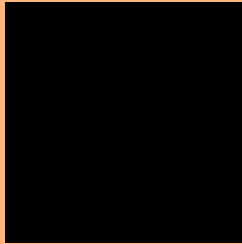
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 44.264, 60.465

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.264, 60.465.



This preview shows how white text looks on a background with the CIELCh color 79, 44.264, 60.465.

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, 31.738, 11.789

Trichromacy



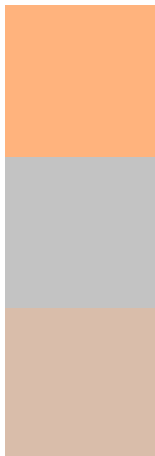
Original Color
79, 44.264, 60.465

Protanomaly
79, 36.274, 81.064

Deuteranomaly
79, 41.481, 69.207

Tritanomaly
79, 32.854, 33.905

Monochromacy



Original Color
79, 44.264, 60.465

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 15.002, 62.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.264, 60.465 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, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 125)  
}
```

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, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.264, 60.465 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, 179, 125) }
```

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

```
.border{ border-color:rgb(255, 179, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.264, 60.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 125) }
```

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

```
.background{ background-color: rgb(255,  
179, 125) }
```

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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