

Converting Colors

CIELCh(86, 64.486, 47.136)

Have a look what the booklet for
CIELCh(86, 64.486, 47.136) contains.

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Color

CIELCh(79, 43.090, 59.975)

Conversions

Conversions Part 1

Format	Color
Hex	FEB37F
RGB	254, 179, 127
RGB Percent	100%, 70%, 50%
CMY	0.0036, 0.2974, 0.5011
CMYK	0.00, 0.29, 0.50, 0.00
HSL	25°, 99%, 75%
HSV	25°, 50%, 100%
XYZ	60.8966, 54.9284, 27.5418
YIQ	195.4970, 61.3920, -0.2720

Conversions

Conversions Part 2

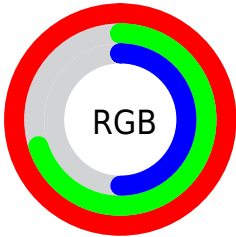
Format	Color
R_{YB}	254, 215, 127
Decimal	16692095
CIE _{Lab}	79.00, 21.56, 37.31
CIE _{LCh}	79, 43.090, 59.975
Yxy	54.9284, 0.4248, 0.3831
Android (android.graphics.Color)	4294882175 (0xFFFE _{B37F})
YUV	195.4970, -33.7690, 51.3071
Hunter-Lab	74.1137, 16.9683, 29.8465

Details

The CIELCh color **79, 43.090, 59.975** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 34.000, 253.932**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 29.225, 92.426**, and **59, 42.953, 59.994** is the 20% darker color. If you saturate the color by 10%, you get **75, 53.265, 59.053**, and if you desaturate by 10%, it is **83, 33.388, 60.931**.

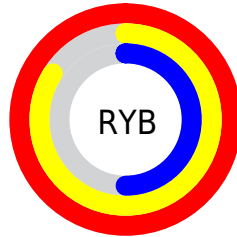
Distribution



Red (100%)

Green (70%)

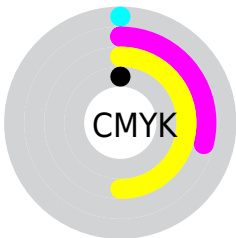
Blue (50%)



Red (100%)

Yellow (84%)

Blue (50%)

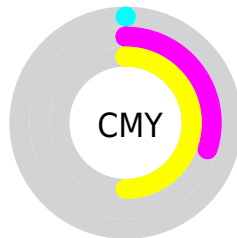


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 43.090, 59.975 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, 43.090, 59.975 by changing the saturation by 10% instead.

 79, 43.090, 59.975

 79, 43.090, 59.975

 100, 43.090,
59.975

 69, 43.090, 59.975

 99, 43.090, 59.975

 59, 43.090, 59.975

 49, 43.090, 59.975

 39, 43.090, 59.975

 29, 43.090, 59.975

 19, 43.090, 59.975

 9, 43.090, 59.975

 0, 43.090, 59.975

 79, 43.090, 59.975

 79, 43.090, 59.975

75, 53.265, 59.053

83, 33.388, 60.931

72, 63.699, 58.100

87, 24.235, 61.917

68, 73.881, 56.981

91, 15.632, 62.930

65, 82.790, 55.389

95, 7.550, 63.940

63, 89.308, 53.022

100, 0.058,
254.123

63, 89.350, 53.007

100, 0.322,
201.440

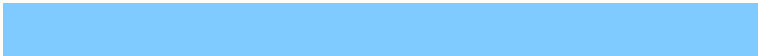
Harmonies

Complementary

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



79, 43.090, 59.975



78, 34.000, 253.932

Rectangle

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



79, 43.090, 59.975



79, 43.090, 109.975



79, 43.090, 239.975



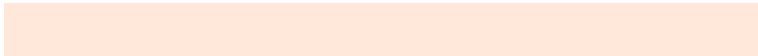
79, 43.090, 289.975

Sweetspot

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



79, 43.089, 59.980



94, 11.618, 63.432



70, 59.468, 343.283



49, 7.979, 63.217



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, 43.089, 59.980



75, 53.495, 59.046



94, 57.050, 100.427



51, 4.329, 63.981



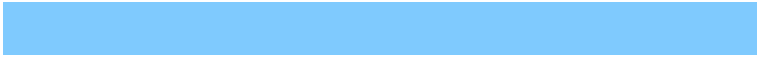
48, 71.771, 53.685



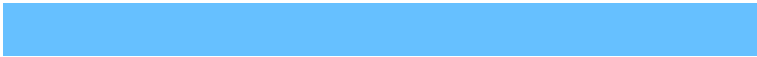
15, 27.387, 53.084

Inverse Universe

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



78, 34.000, 253.932



75, 39.995, 257.015



62, 63.856, 293.706



51, 4.173, 246.221



46, 48.486, 273.784



14, 20.223, 266.634

Previews

White Background



This preview shows how the CIELCh color 79, 43.090, 59.975 looks on a white background.

Color Contrast Check

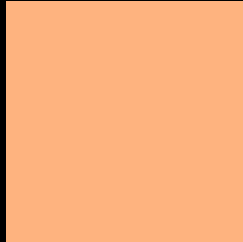
Large Text (above 18pt) WCAG AA × Fail

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, 43.090, 59.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

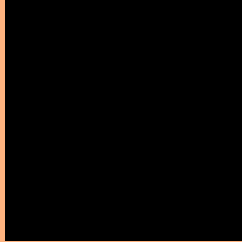
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.090, 59.975

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.090, 59.975.



This preview shows how white text looks on a background with the CIELCh color 79, 43.090, 59.975.

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, 43.147, 59.958

Protanopia

79, 33.352, 95.741

Deuteranopia

79, 38.860, 74.899



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 43.147, 59.958

Protanomaly
79, 34.645, 80.784

Deuteranomaly
79, 40.333, 68.915

Tritanomaly
79, 32.495, 32.180

Monochromacy



Original Color
79, 43.147, 59.958

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.690, 63.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.090, 59.975 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(254, 179, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 127)  
}
```

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(254, 179, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.090, 59.975 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(254, 179, 127) }
```

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

```
.border{ border-color:rgb(254, 179, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.090, 59.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 127) }
```

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

```
.background{ background-color: rgb(254,  
179, 127) }
```

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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