

Converting Colors

CIELCh(79, 44.298, 62.339)

Have a look what the booklet for
CIELCh(79, 44.298, 62.339) contains.

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Color

CIELCh(79, 44.409, 62.755)

Conversions

Conversions Part 1

Format	Color
Hex	FDB47B
RGB	253, 180, 123
RGB Percent	99%, 71%, 48%
CMY	0.0080, 0.2943, 0.5178
CMYK	0.00, 0.29, 0.51, 0.01
HSL	26°, 97%, 74%
HSV	26°, 51%, 99%
XYZ	60.3764, 54.9284, 26.1456
YIQ	195.3290, 61.8050, -2.2510

Conversions

Conversions Part 2

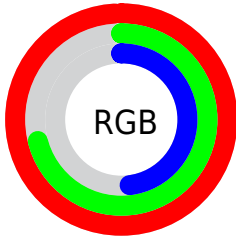
Format	Color
RYB	253, 225, 123
Decimal	16626811
CIELab	79.00, 20.33, 39.48
CIElCh	79, 44.409, 62.755
Yxy	54.9284, 0.4268, 0.3883
Android (android.graphics.Color)	4294816891 (0xFFFDDB47B)
YUV	195.3290, -35.6582, 50.5775
Hunter-Lab	74.1137, 15.7153, 30.9634

Details

The CIELCh color **79, 44.409, 62.755** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.822, 258.120**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 31.556, 94.066**, and **59, 44.243, 62.806** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.454, 61.680**, and if you desaturate by 10%, it is **83, 34.754, 63.839**.

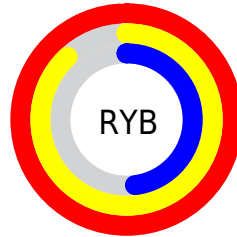
Distribution



Red (99%)

Green (71%)

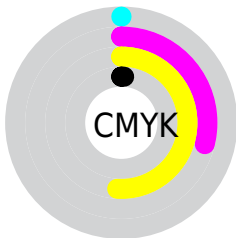
Blue (48%)



Red (99%)

Yellow (88%)

Blue (48%)

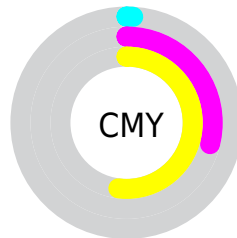


Cyan (0%)

Magenta (29%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 44.409, 62.755 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, 44.409, 62.755 by changing the saturation by 10% instead.

 79, 44.409, 62.755

 79, 44.409, 62.755

 100, 44.409,
62.755

 69, 44.409, 62.755

 99, 44.409, 62.755

 59, 44.409, 62.755

 49, 44.409, 62.755

 39, 44.409, 62.755

 29, 44.409, 62.755

 19, 44.409, 62.755

 9, 44.409, 62.755

 0, 44.409, 62.755

 79, 44.409, 62.755

 79, 44.409, 62.755

75, 54.454, 61.680

83, 34.754, 63.839

72, 64.630, 60.537

87, 25.588, 64.935

69, 74.356, 59.176

91, 16.929, 66.043

66, 82.543, 57.275

95, 8.757, 67.144

64, 87.660, 55.032

99, 1.033, 67.847

100, 0.711,
200.292

Harmonies

Complementary

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



79, 44.409, 62.755



77, 35.822, 258.120

Rectangle

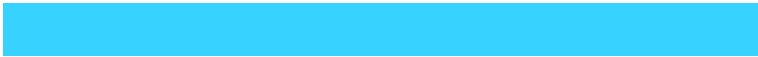
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 44.409, 62.755



79, 44.409, 112.755



79, 44.409, 242.755



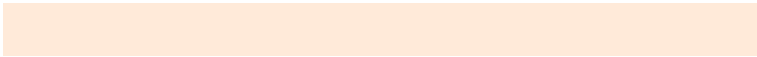
79, 44.409, 292.755

Sweetspot

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



79, 44.408, 62.760



94, 11.730, 66.750



69, 59.630, 345.329



49, 8.052, 66.517



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, 44.408, 62.760



76, 55.439, 61.610



95, 60.077, 102.052



51, 4.376, 67.345



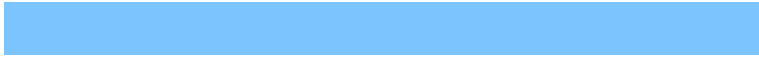
49, 70.690, 55.717



15, 27.199, 55.802

Inverse Universe

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



77, 35.822, 258.120



73, 42.627, 261.528



60, 68.305, 295.407



51, 4.238, 249.709



45, 51.443, 277.467



13, 21.259, 270.471

Previews

White Background



This preview shows how the CIELCh color 79, 44.409, 62.755 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, 44.409, 62.755 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, 44.409, 62.755

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.409, 62.755.



This preview shows how white text looks on a background with the CIELCh color 79, 44.409, 62.755.

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, 44.409, 62.755

Protanopia

79, 35.966, 95.591

Deuteranopia

79, 41.379, 75.935



Tritanopia
79, 31.770, 10.844

Trichromacy



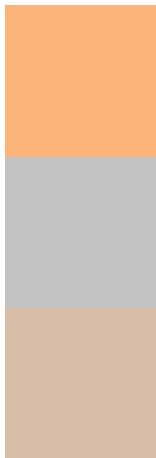
Original Color
79, 44.409, 62.755

Protanomaly
79, 37.225, 81.612

Deuteranomaly
79, 42.068, 70.355

Tritanomaly
79, 32.450, 34.027

Monochromacy



Original Color
79, 44.409, 62.755

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 15.203, 66.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.409, 62.755 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(253, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(253, 180, 123)  
}
```

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(253, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 180, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.409, 62.755 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(253, 180, 123) }
```

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

```
.border{ border-color:rgb(253, 180, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 180, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 180, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 180, 123);  
box-shadow:4px 4px 4px 4px rgb(253, 180,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.409, 62.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 180, 123) }
```

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

```
.background{ background-color: rgb(253,  
180, 123) }
```

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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