

Converting Colors

CIELCh(80, 44.999, 65.443)

Have a look what the booklet for
CIELCh(80, 44.999, 65.443) contains.

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Color

CIELCh(80, 44.871, 65.464)

Conversions

Conversions Part 1

Format	Color
Hex	FEB87B
RGB	254, 184, 123
RGB Percent	100%, 72%, 48%
CMY	0.0046, 0.2790, 0.5182
CMYK	0.00, 0.28, 0.52, 0.00
HSL	28°, 98%, 74%
HSV	28°, 52%, 100%
XYZ	61.4844, 56.6813, 26.3906
YIQ	197.9760, 61.3010, -4.1310

Conversions

Conversions Part 2

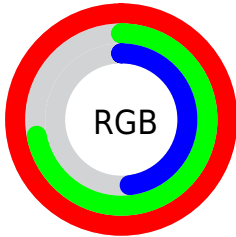
Format	Color
RYB	254, 237, 123
Decimal	16693371
CIELab	80.00, 18.63, 40.82
CIELCh	80, 44.871, 65.464
Yxy	56.6813, 0.4253, 0.3921
Android (android.graphics.Color)	4294883451 (0xFFFE87B)
YUV	197.9760, -36.9632, 49.1330
Hunter-Lab	75.2870, 14.0229, 31.9178

Details

The CIELCh color **80, 44.871, 65.464** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.203, 261.553**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.092, 97.375**, and **60, 44.641, 65.599** is the 20% darker color. If you saturate the color by 10%, you get **77, 54.820, 64.264**, and if you desaturate by 10%, it is **84, 35.245, 66.654**.

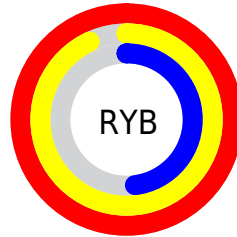
Distribution



Red (100%)

Green (72%)

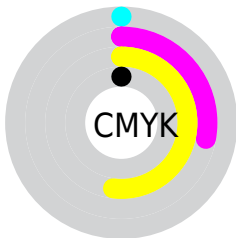
Blue (48%)



Red (100%)

Yellow (93%)

Blue (48%)

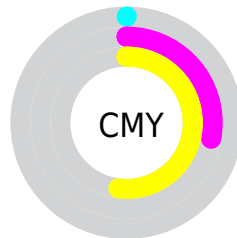


Cyan (0%)

Magenta (28%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 44.871, 65.464 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 80, 44.871, 65.464 by changing the saturation by 10% instead.

 80, 44.871, 65.464

 80, 44.871, 65.464

 100, 44.871,
65.464

 70, 44.871, 65.464

 60, 44.871, 65.464

 50, 44.871, 65.464

 40, 44.871, 65.464

 30, 44.871, 65.464

 20, 44.871, 65.464

 10, 44.871, 65.464

 0, 44.871, 65.464

 80, 44.871, 65.464

 80, 44.871, 65.464

77, 54.820, 64.264

84, 35.245, 66.654

73, 64.813, 62.976

87, 26.057, 67.841

70, 74.243, 61.450

91, 17.334, 69.027

67, 82.021, 59.375

95, 9.063, 70.196

65, 86.675, 57.057

99, 1.211, 71.040

100, 0.407,
201.008

Harmonies

Complementary

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



80, 44.871, 65.464



76, 37.203, 261.553

Rectangle

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



80, 44.871, 65.464



80, 44.871, 115.464



80, 44.871, 245.464



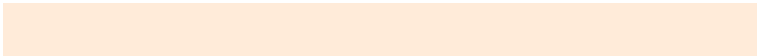
80, 44.871, 295.464

Sweetspot

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



80, 44.870, 65.469



94, 11.872, 69.803



69, 59.453, 346.325



49, 8.145, 69.556



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 44.870, 65.469



77, 55.431, 64.213



96, 61.337, 102.879



51, 4.434, 70.433



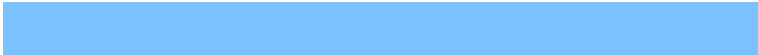
50, 69.748, 57.758



15, 27.078, 58.434

Inverse Universe

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



76, 37.203, 261.553



72, 44.202, 264.916



59, 70.139, 296.105



51, 4.313, 252.888



43, 54.394, 280.615



13, 22.311, 273.801

Previews

White Background



This preview shows how the CIELCh color 80, 44.871, 65.464 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 80, 44.871, 65.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

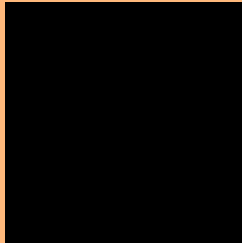
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 44.871, 65.464

Background



This preview shows how black text looks on a background with the CIELCh color 80, 44.871, 65.464.



This preview shows how white text looks on a background with the CIELCh color 80, 44.871, 65.464.

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

80, 44.871, 65.464

Protanopia

80, 37.379, 95.933

Deuteranopia

80, 42.395, 76.098



Tritanopia
80, 30.110, 10.020

Trichromacy



Original Color
80, 44.871, 65.464

Protanomaly
80, 38.352, 83.020

Deuteranomaly
80, 43.356, 72.209

Tritanomaly
80, 31.269, 35.281

Monochromacy



Original Color
80, 44.871, 65.464

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 15.300, 69.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 44.871, 65.464 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, 184, 123)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 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(254, 184, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 44.871, 65.464 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, 184, 123) }
```

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

```
.border{ border-color:rgb(254, 184, 123) }
```

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

Here you see how a box with a 4 pixel rgb(254, 184, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 123);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 44.871, 65.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 123) }
```

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

```
.background{ background-color: rgb(254,  
184, 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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