

Converting Colors

CIELCh(97, 5.977, 81.482)

Have a look what the booklet for
CIELCh(97, 5.977, 81.482) contains.

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Color

CIELCh(97, 5.831, 80.220)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5EB
RGB	253, 245, 235
RGB Percent	99%, 96%, 92%
CMY	0.0067, 0.0380, 0.0773
CMYK	0.00, 0.03, 0.07, 0.01
HSL	33°, 84%, 96%
HSV	33°, 7%, 99%
XYZ	88.3988, 92.4403, 92.0060
YIQ	246.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

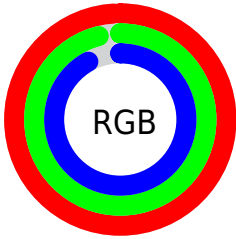
Format	Color
R_{YB}	249, 253, 235
Decimal	16643563
CIE _{Lab}	97.00, 0.99, 5.75
CIE _{LCh}	97, 5.831, 80.220
Yxy	92.4403, 0.3240, 0.3388
Android (android.graphics.Color)	4294833643 (0xFFFD5EB)
YUV	246.2520, -5.5472, 5.9180
Hunter-Lab	96.1459, -4.1381, 10.5651

Details

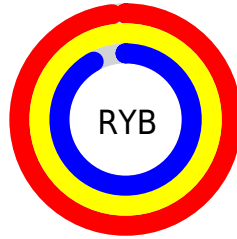
The CIELCh color $97, 5.831, 80.220$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $96, 5.780, 262.217$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 5.957, 83.194$ is the 20% darker color. If you saturate the color by 10%, you get $94, 14.314, 78.986$, and if you desaturate by 10%, it is $100, 0.590, 200.491$.

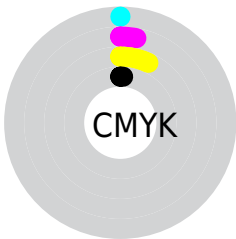
Distribution



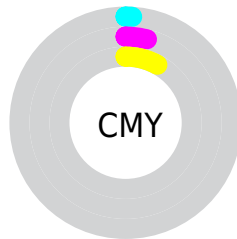
- Red (99%)
- Green (96%)
- Blue (92%)



- Red (98%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.831, 80.220 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 97, 5.831, 80.220 by changing the saturation by 10% instead.



97, 5.831, 80.220

97, 5.831, 80.220

94, 14.314, 78.986

100, 0.590,
200.491

90, 23.120, 77.666

87, 32.249, 76.311

84, 41.665, 74.924

81, 51.258, 73.493

78, 60.783, 71.979

75, 69.745, 70.284

73, 77.267, 68.215

70, 82.243, 65.469

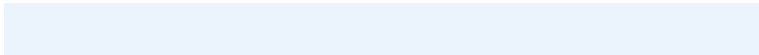
Harmonies

Complementary

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



97, 5.831, 80.220



96, 5.780, 262.217

Rectangle

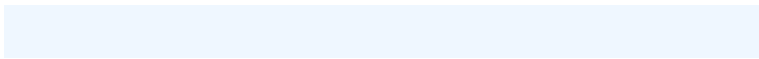
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.831, 80.220



97, 5.831, 130.220



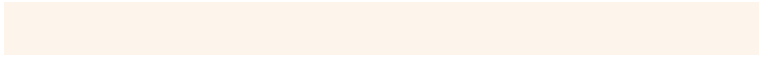
97, 5.831, 260.220



97, 5.831, 310.220

Sweetspot

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



97, 5.832, 80.245



99, 1.628, 80.722



95, 7.655, 346.991



53, 0.925, 80.722



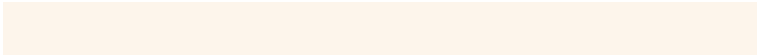
0, 0.000, 0.000



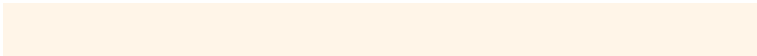
53, 0.007, 296.813

Same Dimension

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



97, 5.832, 80.245



97, 7.454, 80.016



99, 9.134, 111.509



51, 4.713, 79.954



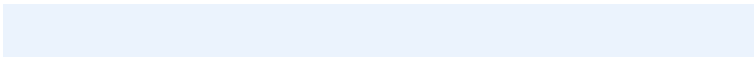
53, 67.359, 65.285



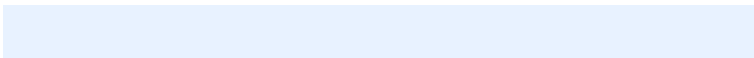
17, 27.111, 67.439

Inverse Universe

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



96, 5.780, 262.217



95, 7.356, 262.473



94, 9.297, 292.815



50, 4.647, 262.543



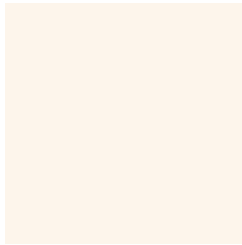
38, 65.040, 289.181



11, 26.237, 283.086

Previews

White Background



This preview shows how the CIE LCh color 97, 5.831, 80.220 looks on a white background.

Color Contrast Check

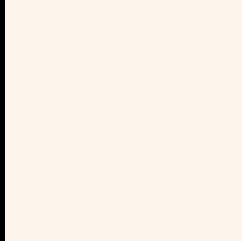
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 5.831, 80.220 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 97, 5.831, 80.220

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.831, 80.220.

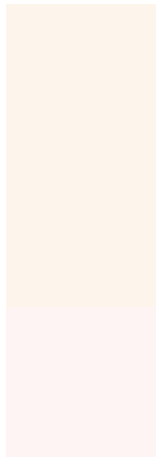


This preview shows how white text looks on a background with the CIELCh color 97, 5.831, 80.220.

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

97, 5.831, 80.220

Protanopia

97, 5.831, 80.220

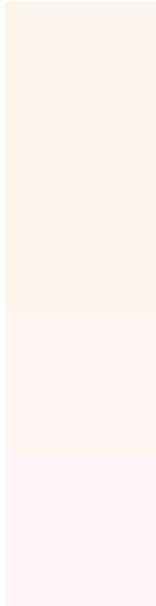
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 7.103, 319.977

Trichromacy



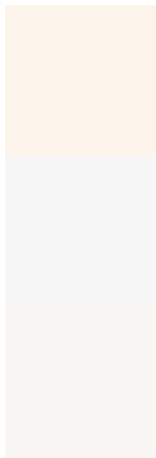
Original Color
97, 5.831, 80.220

Protanomaly
97, 5.831, 80.220

Deuteranomaly
97, 3.864, 42.758

Tritanomaly
97, 3.796, 346.931

Monochromacy



Original Color
97, 5.831, 80.220

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.845, 74.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.831, 80.220 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, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 235)  
}
```

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, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.831, 80.220 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, 245, 235) }
```

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

```
.border{ border-color:rgb(253, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.831, 80.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 235) }
```

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

```
.background{ background-color: rgb(253,  
245, 235) }
```

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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