

Converting Colors

CIELCh(79, 31.880, 53.478)

Have a look what the booklet for
CIELCh(79, 31.880, 53.478) contains.

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Color

CIELCh(79, 31.810, 53.979)

Conversions

Conversions Part 1

Format	Color
Hex	F5B695
RGB	245, 182, 149
RGB Percent	96%, 71%, 58%
CMY	0.0400, 0.2869, 0.4163
CMYK	0.00, 0.26, 0.39, 0.04
HSL	21°, 82%, 77%
HSV	21°, 39%, 96%
XYZ	59.6948, 54.9284, 35.8197
YIQ	197.0750, 48.1410, 3.0930

Conversions

Conversions Part 2

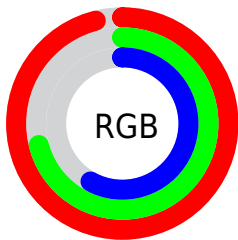
Format	Color
R _Y B	245, 199, 149
Decimal	16103061
CIE Lab	79.00, 18.71, 25.73
CIE LCh	79, 31.810, 53.979
Yxy	54.9284, 0.3968, 0.3651
Android (android.graphics.Color)	4294293141 (0xFFFF5B695)
YUV	197.0750, -23.7010, 42.0302
Hunter-Lab	74.1137, 14.0738, 23.2243

Details

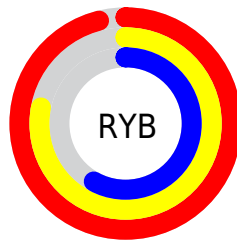
The CIELCh color **79, 31.810, 53.979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 25.428, 242.258**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 19.033, 89.023**, and **59, 31.876, 53.985** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.411, 53.394**, and if you desaturate by 10%, it is **83, 22.835, 54.657**.

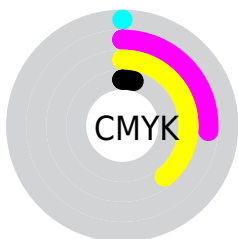
Distribution



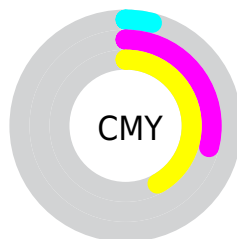
- Red (96%)
- Green (71%)
- Blue (58%)



- Red (96%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.810, 53.979 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, 31.810, 53.979 by changing the saturation by 10% instead.

79, 31.810, 53.979

79, 31.810, 53.979

100, 31.810,
53.979

69, 31.810, 53.979

99, 31.810, 53.979

59, 31.810, 53.979

49, 31.810, 53.979

39, 31.810, 53.979

29, 31.810, 53.979

19, 31.810, 53.979

9, 31.810, 53.979

0, 31.810, 53.979

79, 31.810, 53.979

79, 31.810, 53.979

75, 41.411, 53.394

83, 22.835, 54.657

71, 51.591, 52.884

88, 14.477, 55.392

67, 62.175, 52.417

92, 6.694, 56.148

64, 72.726, 51.867

97, 0.565, 238.059

61, 82.289, 50.926

99, 3.521, 199.370

58, 89.539, 49.193

58, 90.080, 49.070

Harmonies

Complementary

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



79, 31.810, 53.979



82, 25.428, 242.258

Rectangle

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



79, 31.810, 53.979



79, 31.810, 103.979



79, 31.810, 233.979



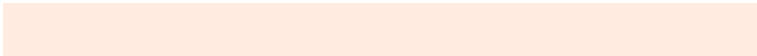
79, 31.810, 283.979

Sweetspot

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



79, 31.809, 53.985



94, 9.112, 55.938



73, 47.992, 338.770



50, 6.072, 55.839



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, 31.809, 53.985



79, 40.575, 53.511



91, 41.342, 97.816



49, 4.137, 56.128



44, 72.887, 49.686



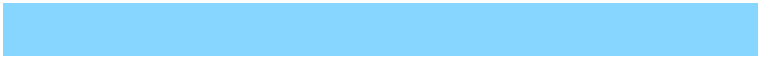
12, 25.562, 46.381

Inverse Universe

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



82, 25.428, 242.258



82, 30.742, 243.972



69, 43.957, 288.250



49, 3.952, 237.971



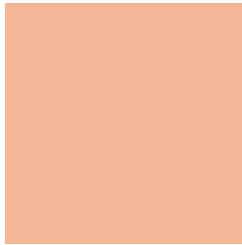
49, 41.705, 263.861



14, 17.147, 255.841

Previews

White Background



This preview shows how the CIELCh color 79, 31.810, 53.979 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, 31.810, 53.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

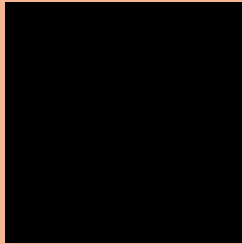
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.810, 53.979

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.810, 53.979.



This preview shows how white text looks on a background with the CIELCh color 79, 31.810, 53.979.

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, 31.810, 53.979

Protanopia

79, 22.252, 95.745

Deuteranopia

79, 27.911, 69.049



Tritanopia
79, 28.778, 7.153

Trichromacy



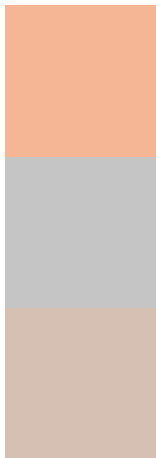
Original Color
79, 31.810, 53.979

Protanomaly
79, 23.693, 77.498

Deuteranomaly
79, 29.192, 63.586

Tritanomaly
79, 27.281, 24.980

Monochromacy



Original Color
79, 31.810, 53.979

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.936, 55.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.810, 53.979 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(245, 182, 149)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 149)  
}
```

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(245, 182, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.810, 53.979 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(245, 182, 149) }
```

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

```
.border{ border-color:rgb(245, 182, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.810, 53.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 149) }
```

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

```
.background{ background-color: rgb(245,  
182, 149) }
```

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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