

Converting Colors

CIELCh(100, 28.325, 119.256)

Have a look what the booklet for
CIELCh(100, 28.325, 119.256)
contains.

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Color

CIElCh(98, 24.943, 115.160)

Conversions

Conversions Part 1

Format	Color
Hex	F6FECD
RGB	246, 254, 205
RGB Percent	96%, 100%, 80%
CMY	0.0352, 0.0038, 0.1958
CMYK	0.03, 0.00, 0.19, 0.00
HSL	70°, 96%, 90%
HSV	70°, 19%, 100%
XYZ	84.4994, 94.9163, 71.6691
YIQ	246.0220, 10.9610, -16.9350

Conversions

Conversions Part 2

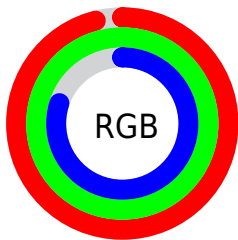
Format	Color
RYB	205, 254, 213
Decimal	16187085
CIELab	98.00, -10.60, 22.58
CIELCh	98, 24.943, 115.160
Yxy	94.9163, 0.3365, 0.3780
Android (android.graphics.Color)	4294377165 (0xFFFF6FECD)
YUV	246.0220, -20.2238, -0.0193
Hunter-Lab	97.4250, -15.6757, 24.5817

Details

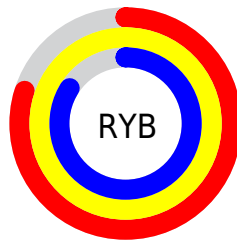
The CIELCh color **98, 24.943, 115.160** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 26.036, 298.187**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.568, 115.322** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.688, 114.422**, and if you desaturate by 10%, it is **99, 12.033, 115.906**.

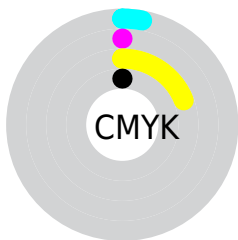
Distribution



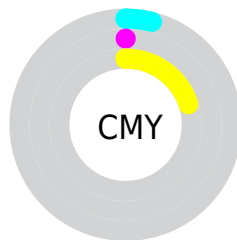
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 24.943, 115.160 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 98, 24.943, 115.160 by changing the saturation by 10% instead.


 98, 24.943,
115.160


 98, 24.943,
115.160


 100, 24.943,
115.160

 88, 24.943,
115.160

 78, 24.943,
115.160

 68, 24.943,
115.160

 58, 24.943,
115.160

 48, 24.943,
115.160

 38, 24.943,
115.160

 28, 24.943,

115.160

■ 18, 24.943,
115.160

■ 8, 24.943, 115.160

■ 98, 24.943,
115.160

■ 98, 24.943,
115.160

■ 97, 37.688,
114.422

■ 99, 12.033,
115.906

■ 97, 50.116,
113.704

■ 100, 0.511,
302.207

■ 96, 62.009,
113.044

■ 100, 0.605,
323.951

■ 95, 73.032,
112.491

■ 95, 82.706,
112.112

■ 95, 90.431,
111.992

■ 94, 95.642,
112.213

■ 94, 98.289,
112.798

■ 94, 98.440,
112.845

Harmonies

Complementary

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



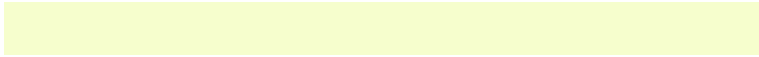
98, 24.943, 115.160



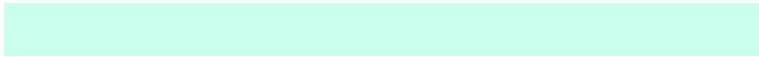
84, 26.036, 298.187

Rectangle

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



98, 24.943, 115.160



98, 24.943, 165.160



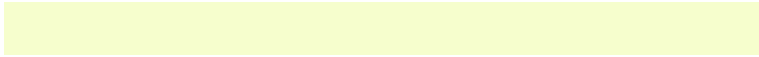
98, 24.943, 295.160



98, 24.943, 345.160

Sweetspot

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



98, 24.945, 115.164



99, 7.807, 116.146



88, 16.200, 34.010



53, 5.179, 116.098



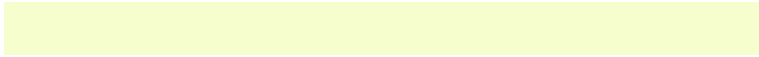
0, 0.000, 0.000



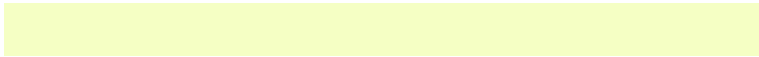
53, 0.007, 296.813

Same Dimension

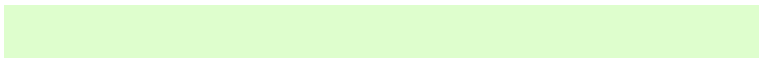
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.945, 115.164



98, 29.808, 114.886



96, 27.535, 133.272



53, 7.398, 115.889



73, 79.468, 112.686



25, 35.959, 111.847

Inverse Universe

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



84, 26.036, 298.187



82, 31.393, 298.554



86, 28.023, 314.951



49, 7.558, 297.315



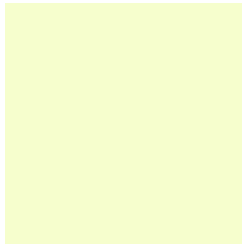
24, 106.629, 306.964



4, 44.486, 304.862

Previews

White Background



This preview shows how the CIELCh color 98, 24.943, 115.160 looks on a white background.

Color Contrast Check

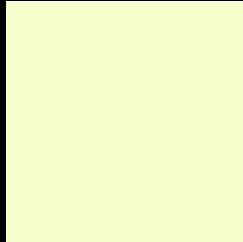
Large Text (above 18pt) WCAG AA × Fail

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 98, 24.943, 115.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

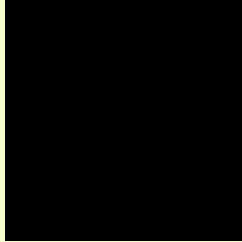
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 24.943, 115.160

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.943, 115.160.

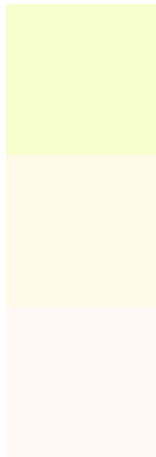


This preview shows how white text looks on a background with the CIELCh color 98, 24.943, 115.160.

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
98, 24.961, 115.155

Protanopia
98, 8.893, 95.390

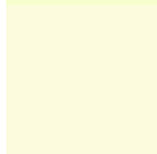
Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 3.744, 306.635

Trichromacy



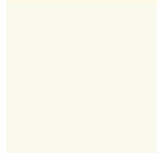
Original Color
98, 24.961, 115.155



Protanomaly
98, 14.717, 107.627



Deuteranomaly
98, 10.180, 105.320

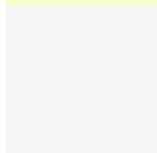


Tritanomaly
98, 6.619, 112.758

Monochromacy



Original Color
98, 24.961, 115.155



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.230, 116.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 24.943, 115.160 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(246, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 205)  
}
```

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(246, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.943, 115.160 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(246, 254, 205) }
```

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

```
.border{ border-color:rgb(246, 254, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 254, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 254, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 254, 205); box-shadow:4px 4px 4px 4px rgb(246, 254, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.943, 115.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 205) }
```

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

```
.background{ background-color: rgb(246,  
254, 205) }
```

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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