

Converting Colors

CIELCh(95, 27.750, 98.390)

Have a look what the booklet for
CIELCh(95, 27.750, 98.390) contains.

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Color

CIELCh(95, 27.395, 98.335)

Conversions

Conversions Part 1

Format	Color
Hex	FDF1BC
RGB	253, 241, 188
RGB Percent	99%, 95%, 74%
CMY	0.0069, 0.0540, 0.2619
CMYK	0.00, 0.05, 0.26, 0.01
HSL	49°, 95%, 87%
HSV	49°, 26%, 99%
XYZ	81.2221, 87.6183, 60.3356
YIQ	238.5460, 24.1650, -13.9390

Conversions

Conversions Part 2

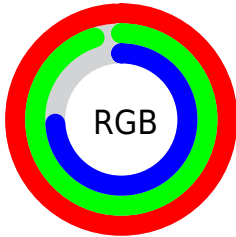
Format	Color
R _Y B	203, 253, 188
Decimal	16642492
CIE Lab	95.00, -3.97, 27.11
CIE LCh	95, 27.395, 98.335
Yxy	87.6183, 0.3544, 0.3823
Android (android.graphics.Color)	4294832572 (0xFFFD1BC)
YUV	238.5460, -24.9192, 12.6762
Hunter-Lab	93.6047, -8.9212, 27.3061

Details

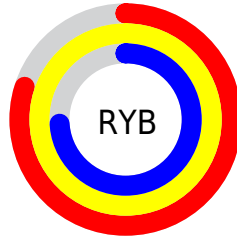
The CIELCh color **95, 27.395, 98.335** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 28.305, 284.821**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **75, 27.613, 98.119** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.069, 97.136**, and if you desaturate by 10%, it is **97, 16.687, 99.518**.

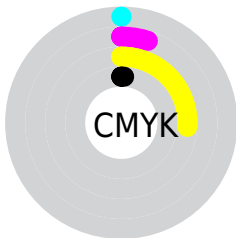
Distribution



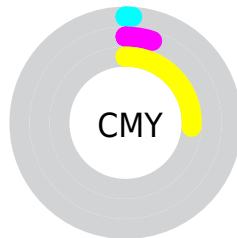
- Red (99%)
- Green (95%)
- Blue (74%)



- Red (80%)
- Yellow (99%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 27.395, 98.335 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 95, 27.395, 98.335 by changing the saturation by 10% instead.

 95, 27.395, 98.335

 95, 27.395, 98.335

 100, 27.395,
98.335

 85, 27.395, 98.335

 75, 27.395, 98.335

 65, 27.395, 98.335

 55, 27.395, 98.335

 45, 27.395, 98.335

 35, 27.395, 98.335

 25, 27.395, 98.335

 15, 27.395, 98.335

 5, 27.395, 98.335

95, 27.395, 98.335

95, 27.395, 98.335

93, 38.069, 97.136

97, 16.687, 99.518

92, 48.574, 95.916

98, 6.012, 100.649

90, 58.686, 94.686

100, 0.611,
200.451

89, 68.027, 93.450

88, 76.011, 92.202

86, 81.855, 90.913

85, 84.853, 89.526

85, 85.471, 88.894

Harmonies

Complementary

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



95, 27.395, 98.335



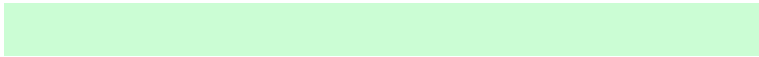
81, 28.305, 284.821

Rectangle

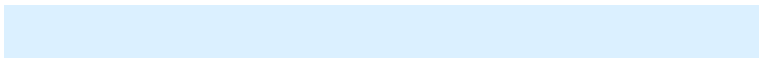
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 27.395, 98.335



95, 27.395, 148.335



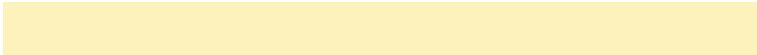
95, 27.395, 278.335



95, 27.395, 328.335

Sweetspot

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



95, 27.397, 98.340



99, 8.539, 100.393



82, 25.387, 6.023



52, 6.073, 100.224



0, 0.000, 0.000



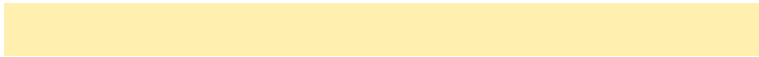
53, 0.007, 296.813

Same Dimension

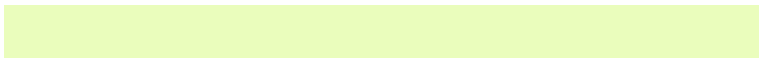
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.397, 98.340



95, 33.279, 97.700



97, 33.660, 120.299



52, 6.073, 100.224



66, 69.308, 89.163



22, 30.809, 91.082

Inverse Universe

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



81, 28.305, 284.821



78, 34.669, 285.744



80, 35.427, 303.520



49, 6.150, 282.466



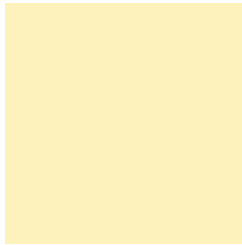
27, 95.995, 302.984



6, 38.208, 298.046

Previews

White Background



This preview shows how the CIE LCh color 95, 27.395, 98.335 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 95, 27.395, 98.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

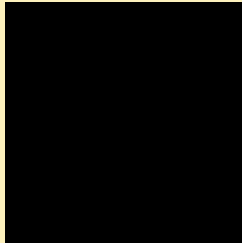
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 27.395, 98.335

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.395, 98.335.



This preview shows how white text looks on a background with the CIELCh color 95, 27.395, 98.335.

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

95, 27.395, 98.335

Protanopia

95, 24.668, 94.812

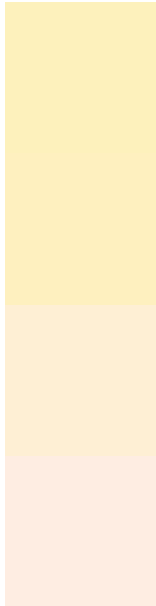
Deuteranopia

95, 9.095, 66.509



Tritanopia
95, 9.757, 336.903

Trichromacy



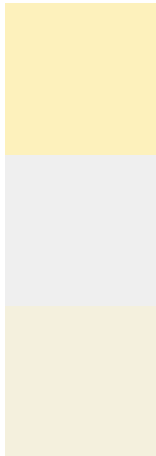
Original Color
95, 27.395, 98.335

Protanomaly
95, 25.573, 96.069

Deuteranomaly
95, 14.898, 87.037

Tritanomaly
95, 8.368, 61.861

Monochromacy



Original Color
95, 27.395, 98.335

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 9.824, 100.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.395, 98.335 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, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 188)  
}
```

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, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.395, 98.335 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, 241, 188) }
```

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

```
.border{ border-color:rgb(253, 241, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.395, 98.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 188) }
```

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

```
.background{ background-color: rgb(253,  
241, 188) }
```

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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