

Converting Colors

CIELCh(95, 30.142, 97.291)

Have a look what the booklet for
CIELCh(95, 30.142, 97.291) contains.

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Color

CIELCh(95, 30.022, 97.423)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF1B7 |
| RGB | 255, 241, 183 |
| RGB Percent | 100%, 95%, 72% |
| CMY | 0.0000, 0.0547, 0.2822 |
| CMYK | 0.00, 0.05, 0.28, 0.00 |
| HSL | 48°, 100%, 86% |
| HSV | 48°, 28%, 100% |
| XYZ | 81.2696, 87.6183, 57.4468 |
| YIQ | 238.5740, 26.9620, -15.0700 |

Conversions

Conversions Part 2

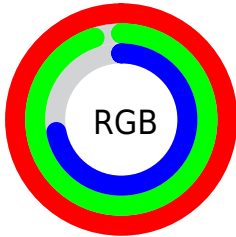
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 200, 255, 183 |
| Decimal | 16773559 |
| CIE Lab | 95.00, -3.88, 29.77 |
| CIE LCh | 95, 30.022, 97.423 |
| Yxy | 87.6183, 0.3591, 0.3871 |
| Android (android.graphics.Color) | 4294963639 (0xFFFFF1B7) |
| YUV | 238.5740, -27.3980, 14.4056 |
| Hunter-Lab | 93.6047, -8.8306, 29.1360 |

Details

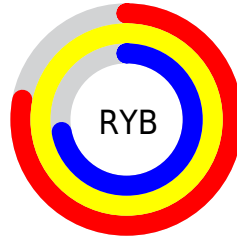
The CIELCh color **95, 30.022, 97.423** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 31.068, 284.730**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **75, 29.836, 96.946** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.650, 96.232**, and if you desaturate by 10%, it is **97, 19.340, 98.652**.

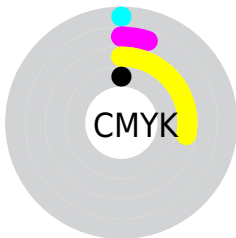
Distribution



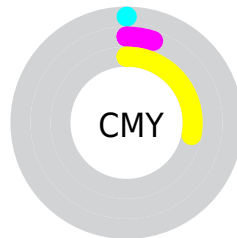
- Red (100%)
- Green (95%)
- Blue (72%)



- Red (78%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 30.022, 97.423 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, 30.022, 97.423 by changing the saturation by 10% instead.

95, 30.022, 97.423

95, 30.022, 97.423

100, 30.022,
97.423

85, 30.022, 97.423

75, 30.022, 97.423

65, 30.022, 97.423

55, 30.022, 97.423

45, 30.022, 97.423

35, 30.022, 97.423

25, 30.022, 97.423

15, 30.022, 97.423

5, 30.022, 97.423

95, 30.022, 97.423

95, 30.022, 97.423

93, 40.650, 96.232

97, 19.340, 98.652

92, 51.080, 94.993

98, 8.690, 99.809

90, 61.056, 93.741

100, 0.012,
296.813

89, 70.152, 92.478

87, 77.719, 91.187

86, 82.941, 89.828

85, 85.273, 88.335

85, 85.536, 88.062

Harmonies

Complementary

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



95, 30.022, 97.423



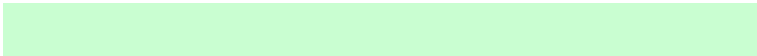
80, 31.068, 284.730

Rectangle

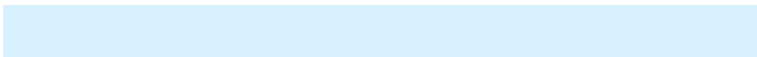
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 30.022, 97.423



95, 30.022, 147.423



95, 30.022, 277.423



95, 30.022, 327.423

Sweetspot

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



95, 30.021, 97.455



99, 8.455, 99.834



81, 28.224, 6.380



52, 6.014, 99.664



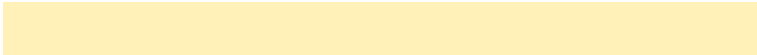
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

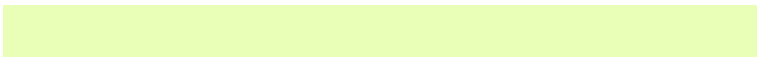
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 30.021, 97.455



94, 36.177, 96.751



97, 37.163, 120.147



52, 6.014, 99.664



65, 69.001, 88.355



22, 30.601, 90.360

Inverse Universe

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



80, 31.068, 284.730



76, 37.778, 285.781



78, 39.337, 303.723



49, 6.086, 281.924



27, 95.070, 302.695



6, 37.873, 297.785

Previews

White Background



This preview shows how the CIE LCh color 95, 30.022, 97.423 looks on a white background.

Color Contrast Check

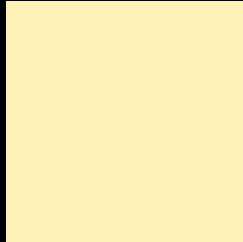
Large Text (above 18pt) WCAG AA × Fail

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, 30.022, 97.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

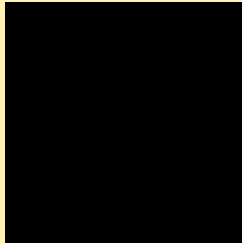
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 30.022, 97.423

Background



This preview shows how black text looks on a background with the CIELCh color 95, 30.022, 97.423.



This preview shows how white text looks on a background with the CIELCh color 95, 30.022, 97.423.

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, 30.022, 97.423

Protanopia

95, 25.164, 95.023

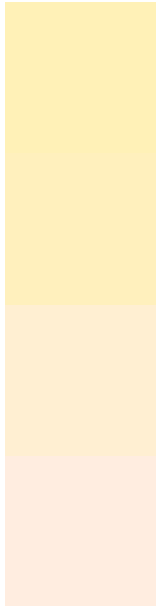
Deuteranopia

95, 9.095, 66.509



Tritanopia
95, 9.417, 339.180

Trichromacy



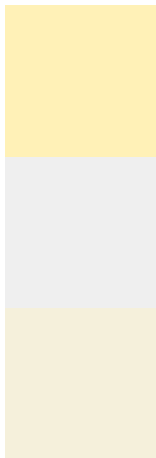
Original Color
95, 30.022, 97.423

Protanomaly
95, 26.650, 95.601

Deuteranomaly
95, 15.995, 87.025

Tritanomaly
95, 9.361, 64.854

Monochromacy



Original Color
95, 30.022, 97.423

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 10.891, 99.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 30.022, 97.423 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(255, 241, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 183)  
}
```

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(255, 241, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 30.022, 97.423 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(255, 241, 183) }
```

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

```
.border{ border-color:rgb(255, 241, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 30.022, 97.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 183) }
```

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

```
.background{ background-color: rgb(255,  
241, 183) }
```

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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