

Converting Colors

CIELCh(100, 37.668, 65.607)

Have a look what the booklet for
CIELCh(100, 37.668, 65.607)
contains.

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Color

CIELCh(95, 27.443, 97.551)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1BC
RGB	254, 241, 188
RGB Percent	100%, 95%, 74%
CMY	0.0040, 0.0548, 0.2625
CMYK	0.00, 0.05, 0.26, 0.00
HSL	48°, 97%, 87%
HSV	48°, 26%, 100%
XYZ	81.4096, 87.6183, 60.2262
YIQ	238.8450, 24.7610, -13.7270

Conversions

Conversions Part 2

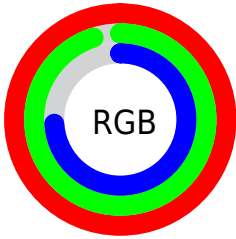
Format	Color
R _Y B	204, 254, 188
Decimal	16708028
CIE Lab	95.00, -3.61, 27.21
CIE LCh	95, 27.443, 97.551
Yxy	87.6183, 0.3551, 0.3822
Android (android.graphics.Color)	4294898108 (0xFFFEF1BC)
YUV	238.8450, -25.0666, 13.2909
Hunter-Lab	93.6047, -8.5635, 27.3755

Details

The CIELCh color **95, 27.443, 97.551** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 28.294, 284.186**, 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, 27.687, 97.275** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.038, 96.336**, and if you desaturate by 10%, it is **97, 16.826, 98.749**.

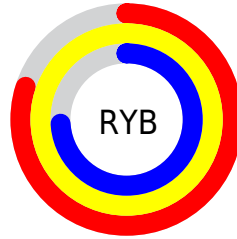
Distribution



Red (100%)

Green (95%)

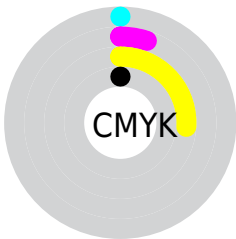
Blue (74%)



Red (80%)

Yellow (100%)

Blue (74%)

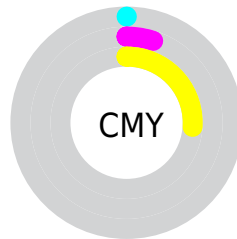


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 27.443, 97.551 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, 27.443, 97.551 by changing the saturation by 10% instead.

 95, 27.443, 97.551

 95, 27.443, 97.551

 100, 27.443,
97.551

 85, 27.443, 97.551

 75, 27.443, 97.551

 65, 27.443, 97.551

 55, 27.443, 97.551

 45, 27.443, 97.551

 35, 27.443, 97.551

 25, 27.443, 97.551

 15, 27.443, 97.551

 5, 27.443, 97.551

95, 27.443, 97.551

95, 27.443, 97.551

93, 38.038, 96.336

97, 16.826, 98.749

92, 48.480, 95.095

99, 6.253, 99.894

90, 58.544, 93.841

100, 0.351,
201.271

89, 67.853, 92.574

87, 75.814, 91.283

86, 81.631, 89.931

85, 84.583, 88.452

84, 85.172, 87.821

Harmonies

Complementary

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



95, 27.443, 97.551



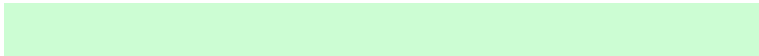
82, 28.294, 284.186

Rectangle

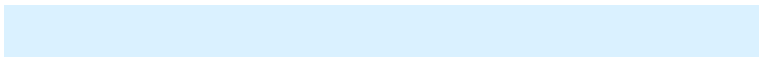
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 27.443, 97.551



95, 27.443, 147.551



95, 27.443, 277.551



95, 27.443, 327.551

Sweetspot

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



95, 27.445, 97.556



99, 8.430, 99.667



83, 25.750, 6.063



52, 5.996, 99.496



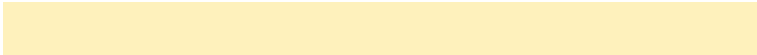
0, 0.000, 0.000



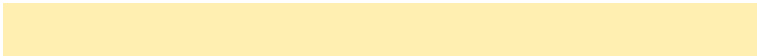
53, 0.007, 296.813

Same Dimension

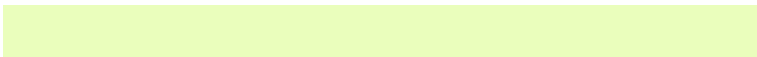
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.445, 97.556



94, 32.898, 96.943



97, 34.115, 120.281



52, 5.996, 99.496



65, 68.913, 88.115



22, 30.540, 90.145

Inverse Universe

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



82, 28.294, 284.186



78, 34.164, 285.068



80, 35.928, 303.543



49, 6.067, 281.762



27, 94.792, 302.607



6, 37.772, 297.705

Previews

White Background



This preview shows how the CIE LCh color 95, 27.443, 97.551 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, 27.443, 97.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

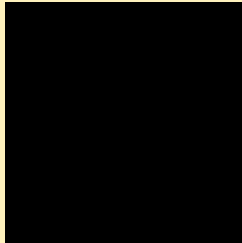
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 27.443, 97.551

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.443, 97.551.

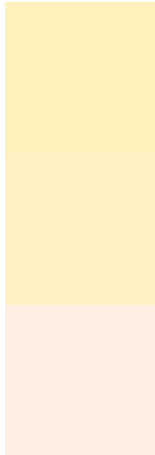


This preview shows how white text looks on a background with the CIELCh color 95, 27.443, 97.551.

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, 27.464, 97.539

Protanopia

95, 24.668, 94.812

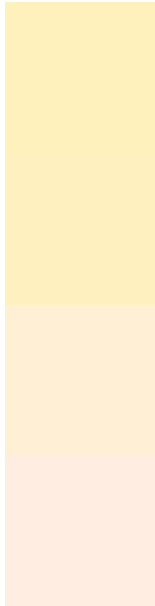
Deuteranopia

95, 9.095, 66.509



Tritanopia
95, 9.417, 339.180

Trichromacy



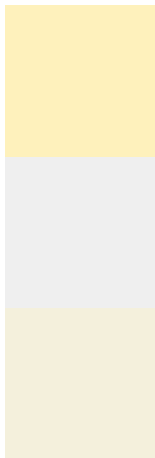
Original Color
95, 27.464, 97.539

Protanomaly
95, 25.659, 95.225

Deuteranomaly
95, 15.044, 85.709

Tritanomaly
95, 8.646, 60.223

Monochromacy



Original Color
95, 27.464, 97.539

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 10.331, 101.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.443, 97.551 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(254, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.443, 97.551 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(254, 241, 188) }
```

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

```
.border{ border-color:rgb(254, 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(254, 241, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.443, 97.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 188) }
```

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

```
.background{ background-color: rgb(254,  
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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