

Converting Colors

CIELCh(97, 26.126, 106.796)

Have a look what the booklet for
CIELCh(97, 26.126, 106.796)
contains.

CIELCh(97, 25.853, 106.504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(97, 25.853, 106.504)

Conversions

Conversions Part 1

Format	Color
Hex	FBF9C6
RGB	251, 249, 198
RGB Percent	98%, 98%, 78%
CMY	0.0152, 0.0230, 0.2231
CMYK	0.00, 0.01, 0.21, 0.02
HSL	58°, 87%, 88%
HSV	58°, 21%, 98%
XYZ	83.9468, 92.4403, 66.9147
YIQ	243.7840, 17.5630, -15.4370

Conversions

Conversions Part 2

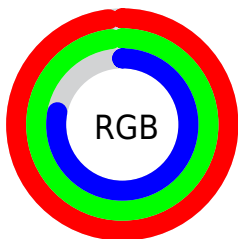
Format	Color
R _Y B	200, 251, 198
Decimal	16513478
CIE Lab	97.00, -7.34, 24.79
CIE LCh	97, 25.853, 106.504
Yxy	92.4403, 0.3450, 0.3799
Android (android.graphics.Color)	4294703558 (0xFFFFBF9C6)
YUV	243.7840, -22.5715, 6.3284
Hunter-Lab	96.1459, -12.4035, 26.0380

Details

The CIELCh color **97, 25.853, 106.504** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 27.064, 291.130**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 25.993, 106.852** is the 20% darker color. If you saturate the color by 10%, you get **96, 37.920, 105.494**, and if you desaturate by 10%, it is **98, 13.634, 107.520**.

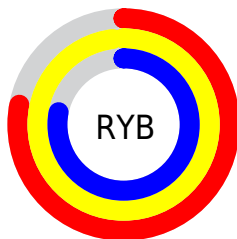
Distribution



Red (98%)

Green (98%)

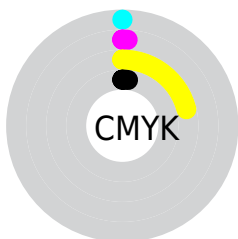
Blue (78%)



Red (78%)

Yellow (98%)

Blue (78%)

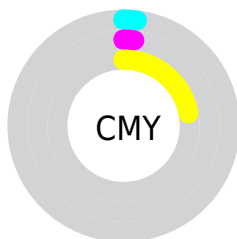


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (2%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 25.853, 106.504 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 97, 25.853, 106.504 by changing the saturation by 10% instead.


 97, 25.853,
106.504

 97, 25.853,
106.504

 100, 25.853,
106.504


 87, 25.853,
106.504

 77, 25.853,
106.504

 67, 25.853,
106.504

 57, 25.853,
106.504

 47, 25.853,
106.504

 37, 25.853,
106.504

 27, 25.853,

106.504

■ 17, 25.853,
106.504

■ 7, 25.853, 106.504

■ 97, 25.853,
106.504

■ 97, 25.853,
106.504

■ 96, 37.920,
105.494

■ 98, 13.634,
107.520

■ 96, 49.686,
104.497

■ 99, 1.349, 108.458

■ 95, 60.920,
103.538

■ 99, 1.579, 279.678

■ 95, 71.269,
102.647

■ 99, 1.233, 260.089

■ 99, 1.111, 231.678

■ 94, 80.217,
101.857

■ 100, 1.280,
204.434

■ 94, 87.125,
101.201

■ 100, 1.347,
199.812

■ 94, 91.417,
100.702

■ 93, 93.128,
100.376

Harmonies

Complementary

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



97, 25.853, 106.504



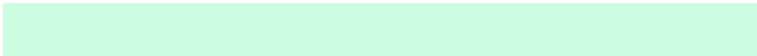
82, 27.064, 291.130

Rectangle

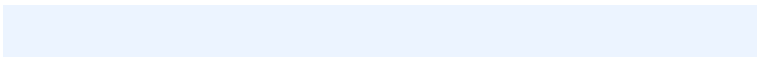
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 25.853, 106.504



97, 25.853, 156.504



97, 25.853, 286.504



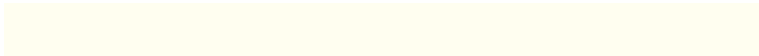
97, 25.853, 336.504

Sweetspot

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



97, 25.855, 106.509



99, 7.457, 108.028



85, 20.107, 17.044



53, 4.946, 107.963



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

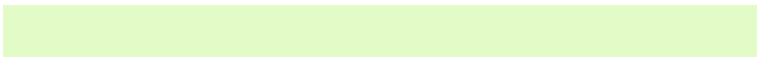
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 25.855, 106.509



98, 30.959, 106.111



96, 28.366, 126.292



52, 6.951, 107.682



72, 75.166, 100.420



24, 33.350, 100.989

Inverse Universe

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



82, 27.064, 291.130



80, 32.716, 291.694



83, 29.301, 308.369



48, 7.097, 289.658



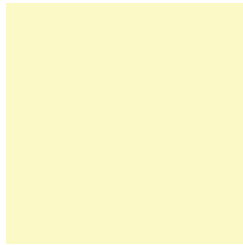
23, 105.012, 305.847



4, 40.916, 300.206

Previews

White Background



This preview shows how the CIE LCh color 97, 25.853, 106.504 looks on a white background.

Color Contrast Check

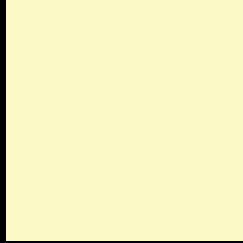
Large Text (above 18pt) WCAG AA × Fail

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 97, 25.853, 106.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

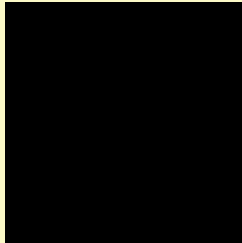
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 25.853, 106.504

Background



This preview shows how black text looks on a background with the CIELCh color 97, 25.853, 106.504.

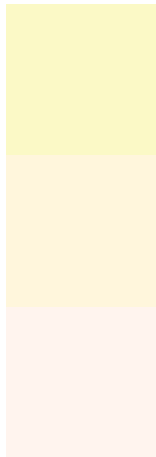


This preview shows how white text looks on a background with the CIELCh color 97, 25.853, 106.504.

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
97, 25.853, 106.504

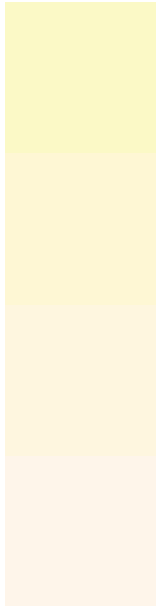
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 7.476, 324.660

Trichromacy



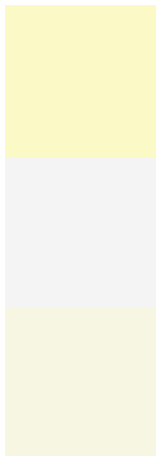
Original Color
97, 25.853, 106.504

Protanomaly
97, 17.978, 100.467

Deuteranomaly
97, 12.060, 95.202

Tritanomaly
97, 6.455, 79.576

Monochromacy



Original Color
97, 25.853, 106.504

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 9.686, 107.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 25.853, 106.504 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(251, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 198)  
}
```

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(251, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 25.853, 106.504 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(251, 249, 198) }
```

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

```
.border{ border-color:rgb(251, 249, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 249, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 249, 198); box-shadow:4px 4px 4px 4px rgb(251, 249, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 25.853, 106.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 198) }
```

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

```
.background{ background-color: rgb(251,  
249, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor