

Converting Colors

CIELCh(97, 4.459, 133.221)

Have a look what the booklet for
CIELCh(97, 4.459, 133.221) contains.

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Color

CIELCh(97, 4.459, 133.221)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8F0
RGB	243, 248, 240
RGB Percent	95%, 97%, 94%
CMY	0.0472, 0.0276, 0.0590
CMYK	0.02, 0.00, 0.03, 0.03
HSL	98°, 36%, 96%
HSV	98°, 3%, 97%
XYZ	86.2196, 92.4403, 95.6993
YIQ	245.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

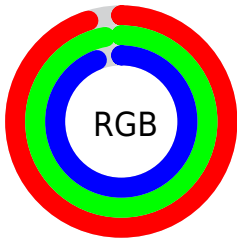
Format	Color
RYB	240, 248, 245
Decimal	15988976
CIELab	97.00, -3.05, 3.25
CIELCh	97, 4.459, 133.221
Yxy	92.4403, 0.3143, 0.3369
Android (android.graphics.Color)	4294179056 (0xFFFF3F8F0)
YUV	245.5930, -2.7573, -2.2741
Hunter-Lab	96.1459, -8.1840, 8.2875

Details

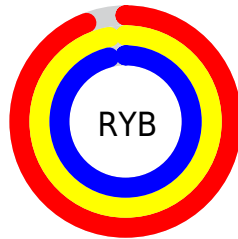
The CIELCh color **97, 4.459, 133.221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.496, 313.411**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.682, 133.175** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.379, 132.756**, and if you desaturate by 10%, it is **98, 4.384, 324.524**.

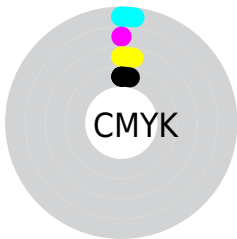
Distribution



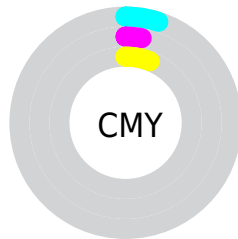
- Red (95%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.459, 133.221 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, 4.459, 133.221 by changing the saturation by 10% instead.

97, 4.459, 133.221

97, 4.459, 133.221

100, 4.459,
133.221

87, 4.459, 133.221

77, 4.459, 133.221

67, 4.459, 133.221

57, 4.459, 133.221

47, 4.459, 133.221

37, 4.459, 133.221

27, 4.459, 133.221

17, 4.459, 133.221

7, 4.459, 133.221

97, 4.459, 133.221

97, 4.459, 133.221

95, 18.379,
132.756

98, 4.384, 324.524

94, 32.313,
132.272

92, 46.123,
131.764

91, 59.614,
131.253

90, 72.507,
130.783

89, 84.409,
130.426

88, 94.796,
130.290

88, 103.058,
130.508

■ 87,108.711,
131.187

Harmonies

Complementary

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



97, 4.459, 133.221



95, 4.496, 313.411

Rectangle

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



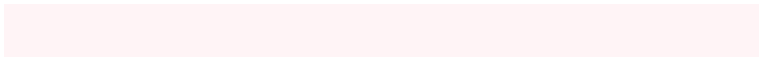
97, 4.459, 133.221



97, 4.459, 183.221



97, 4.459, 313.221



97, 4.459, 3.221

Sweetspot

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



97, 4.462, 133.228



100, 1.405, 133.414



97, 2.727, 86.392



53, 0.798, 133.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

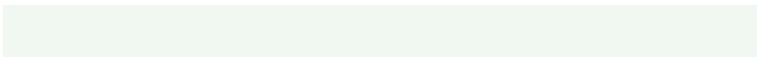
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.462, 133.228



99, 5.660, 133.187



97, 4.603, 147.665



52, 3.959, 133.151



68, 90.340, 131.608



22, 39.203, 130.428

Inverse Universe

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



95, 4.496, 313.411



97, 5.702, 313.452



96, 4.623, 327.900



50, 3.988, 313.488



33, 96.907, 315.099



7, 43.166, 316.352

Previews

White Background



This preview shows how the CIE LCh color 97, 4.459, 133.221 looks on a white background.

Color Contrast Check

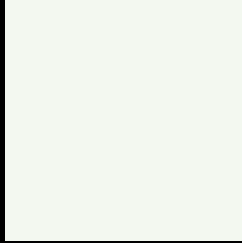
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 4.459, 133.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

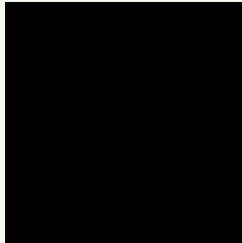
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

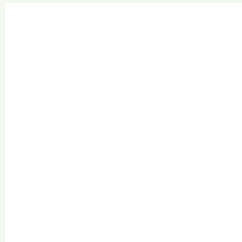
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.459, 133.221

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.459, 133.221.

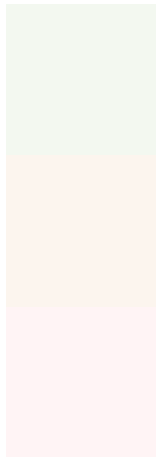


This preview shows how white text looks on a background with the CIELCh color 97, 4.459, 133.221.

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, 4.459, 133.221

Protanopia

97, 4.337, 74.640

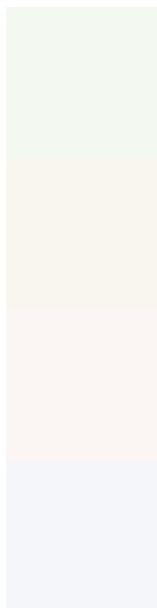
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 5.141, 294.439

Trichromacy



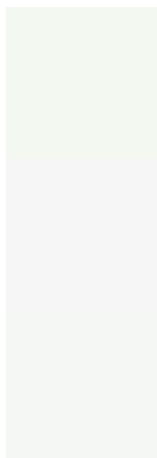
Original Color
97, 4.459, 133.221

Protanomaly
97, 3.708, 93.141

Deuteranomaly
97, 2.346, 45.010

Tritanomaly
97, 2.079, 280.719

Monochromacy



Original Color
97, 4.459, 133.221

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.683, 134.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.459, 133.221 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(243, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 240)  
}
```

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(243, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.459, 133.221 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(243, 248, 240) }
```

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

```
.border{ border-color:rgb(243, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 248, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 248, 240); box-shadow:4px 4px 4px 4px rgb(243, 248, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.459, 133.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 240) }
```

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

```
.background{ background-color: rgb(243,  
248, 240) }
```

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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