

Converting Colors

CIE LCh(97, 1.112, 222.950)

Have a look what the booklet for
CIELCh(97, 1.112, 222.950) contains.

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Color

CIELCh(97, 1.163, 226.022)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4F7F8 |
| RGB | 244, 247, 248 |
| RGB Percent | 96%, 97%, 97% |
| CMY | 0.0436, 0.0318, 0.0279 |
| CMYK | 0.02, 0.00, 0.00, 0.03 |
| HSL | 195°, 22%, 96% |
| HSV | 195°, 2%, 97% |
| XYZ | 87.4254, 92.4403, 101.9544 |
| YIQ | 246.2170, -2.1090, -0.3250 |

Conversions

Conversions Part 2

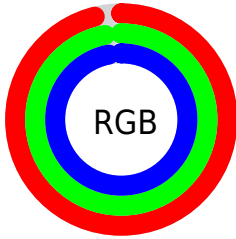
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 244, 246, 248 |
| Decimal | 16054264 |
| CIE Lab | 97.00, -0.81, -0.84 |
| CIE LCh | 97, 1.163, 226.022 |
| Yxy | 92.4403, 0.3102, 0.3280 |
| Android (android.graphics.Color) | 4294244344 (0xFFFF4F7F8) |
| YUV | 246.2170, 0.8790, -1.9443 |
| Hunter-Lab | 96.1459, -5.9453, 4.4302 |

Details

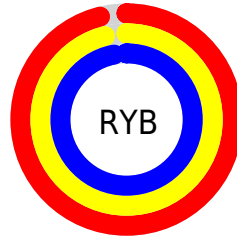
The CIELCh color **97, 1.163, 226.022** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 1.167, 44.692**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 1.218, 225.930** is the 20% darker color. If you saturate the color by 10%, you get **94, 8.167, 225.998**, and if you desaturate by 10%, it is **99, 2.697, 95.332**.

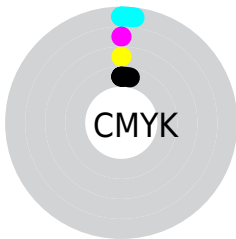
Distribution



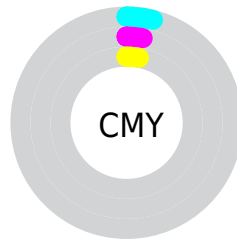
- Red (96%)
- Green (97%)
- Blue (97%)



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



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



- Cyan (4%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.163, 226.022 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, 1.163, 226.022 by changing the saturation by 10% instead.

97, 1.163, 226.022

97, 1.163, 226.022

100, 1.163,
226.022

87, 1.163, 226.022

77, 1.163, 226.022

67, 1.163, 226.022

57, 1.163, 226.022

47, 1.163, 226.022

37, 1.163, 226.022

27, 1.163, 226.022

17, 1.163, 226.022

7, 1.163, 226.022

97, 1.163, 226.022

97, 1.163, 226.022

94, 8.167, 225.998

99, 2.697, 95.332

91, 14.793,
226.713

100, 3.592,
109.888

87, 20.944,
227.694

85, 26.521,
228.990

82, 31.426,
230.676

79, 35.584,
232.842

77, 38.959,
235.583

75, 41.583,
238.984

■ 72, 43.575,
243.091

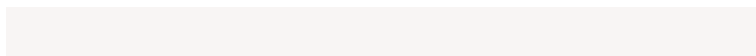
Harmonies

Complementary

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



97, 1.163, 226.022



97, 1.167, 44.692

Rectangle

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



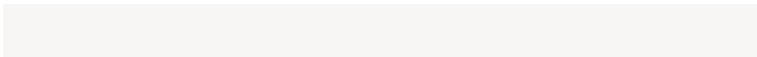
97, 1.163, 226.022



97, 1.163, 276.022



97, 1.163, 46.022



97, 1.163, 96.022

Sweetspot

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



97, 1.163, 225.897

100, 0.012, 296.813



97, 2.108, 151.796



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

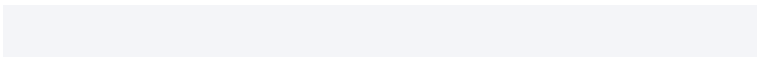
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 1.163, 225.897



99, 1.473, 225.813



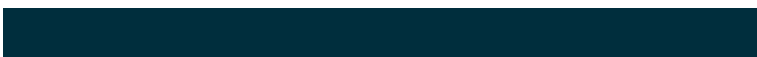
97, 1.551, 276.436



52, 0.824, 225.831



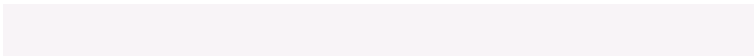
55, 36.457, 246.109



17, 16.026, 239.457

Inverse Universe

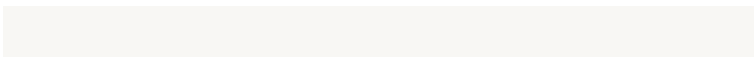
The Inverse Universe completely reimagines the original color for something new.



97, 2.104, 332.226



99, 2.667, 332.286



97, 1.529, 95.754



52, 1.492, 332.271



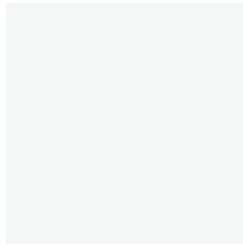
42, 76.151, 341.315



11, 35.237, 339.268

Previews

White Background



This preview shows how the CIELCh color 97, 1.163, 226.022 looks on a white background.

Color Contrast Check

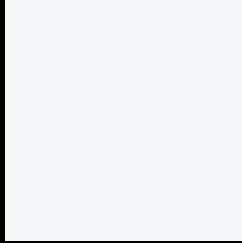
Large Text (above 18pt) WCAG AA × Fail

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, 1.163, 226.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

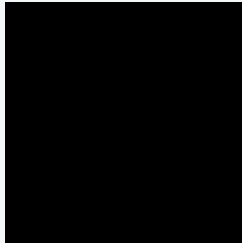
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

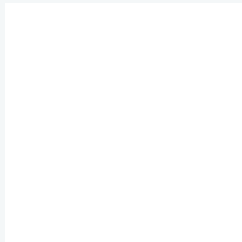
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.163, 226.022

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.163, 226.022.

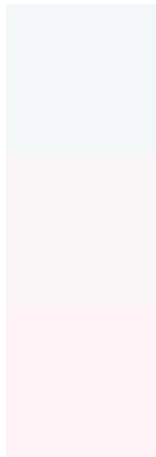


This preview shows how white text looks on a background with the CIELCh color 97, 1.163, 226.022.

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, 1.163, 226.022

Protanopia

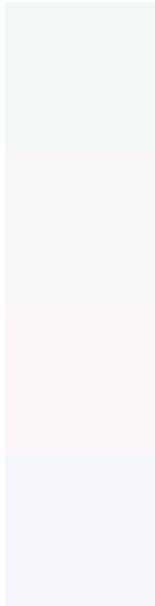
97, 2.052, 349.337

Deuteranopia

97, 4.971, 348.712

Tritanopia
97, 5.141, 294.439

Trichromacy



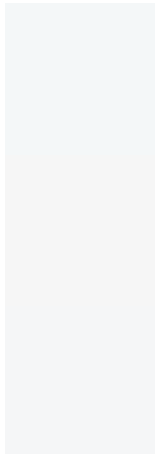
Original Color
97, 1.163, 226.022

Protanomaly
97, 0.882, 343.176

Deuteranomaly
97, 3.226, 340.068

Tritanomaly
97, 3.091, 283.983

Monochromacy



Original Color
97, 1.163, 226.022

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.624, 256.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.163, 226.022 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(244, 247, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 248)  
}
```

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(244, 247, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.163, 226.022 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(244, 247, 248) }
```

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

```
.border{ border-color:rgb(244, 247, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.163, 226.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 248) }
```

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

```
.background{ background-color: rgb(244,  
247, 248) }
```

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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