

Converting Colors

CIE LCh(97, 3.400, 150.773)

Have a look what the booklet for
CIELCh(97, 3.400, 150.773) contains.

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Color

CIELCh(97, 3.325, 149.350)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8F3
RGB	242, 248, 243
RGB Percent	95%, 97%, 95%
CMY	0.0512, 0.0276, 0.0472
CMYK	0.02, 0.00, 0.02, 0.03
HSL	130°, 30%, 96%
HSV	130°, 2%, 97%
XYZ	86.3228, 92.4403, 98.0475
YIQ	245.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

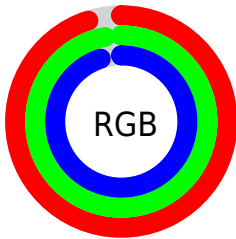
Format	Color
R_{YB}	242, 247, 248
Decimal	15923443
CIE _{Lab}	97.00, -2.86, 1.70
CIE _{LCh}	97, 3.325, 149.350
Yxy	92.4403, 0.3118, 0.3339
Android (android.graphics.Color)	4294113523 (0xFFFF2F8F3)
YUV	245.6360, -1.2995, -3.1888
Hunter-Lab	96.1459, -7.9924, 6.8395

Details

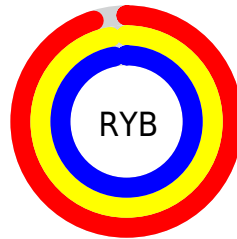
The CIELCh color **97, 3.325, 149.350** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 3.348, 329.430**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.493, 149.286** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.221, 148.592**, and if you desaturate by 10%, it is **98, 4.386, 324.524**.

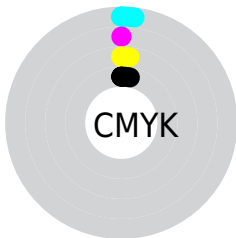
Distribution



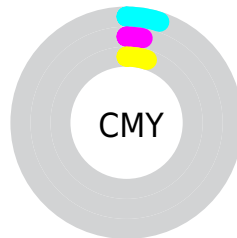
- Red (95%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.325, 149.350 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, 3.325, 149.350 by changing the saturation by 10% instead.

97, 3.325, 149.350

97, 3.325, 149.350

100, 3.325,
149.350

87, 3.325, 149.350

77, 3.325, 149.350

67, 3.325, 149.350

57, 3.325, 149.350

47, 3.325, 149.350

37, 3.325, 149.350

27, 3.325, 149.350

17, 3.325, 149.350

7, 3.325, 149.350

97, 3.325, 149.350

97, 3.325, 149.350

95, 17.221,
148.592

98, 4.386, 324.524

93, 31.181,
147.803

91, 45.010,
146.891


90, 58.463,
145.834

88, 71.245,
144.621

87, 83.027,
143.252

87, 93.462,
141.754

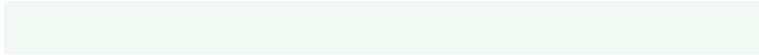
86, 102.215,
140.188

 86,108.990,
138.657

Harmonies

Complementary

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



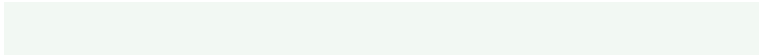
97, 3.325, 149.350



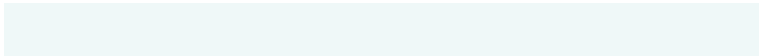
96, 3.348, 329.430

Rectangle

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



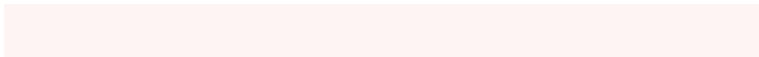
97, 3.325, 149.350



97, 3.325, 199.350



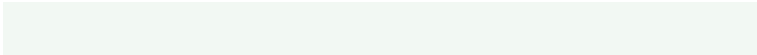
97, 3.325, 329.350



97, 3.325, 19.350

Sweetspot

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



97, 3.328, 149.347



100, 1.398, 149.585



97, 3.071, 115.877



53, 0.795, 149.602



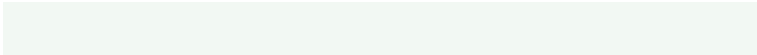
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

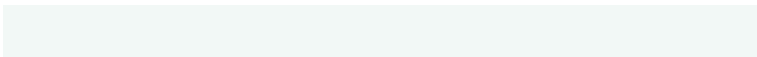
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.328, 149.347



99, 4.222, 149.290



97, 2.368, 172.600



52, 3.151, 149.222



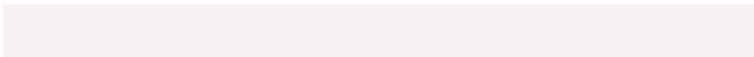
67, 91.296, 137.886



22, 38.988, 140.361

Inverse Universe

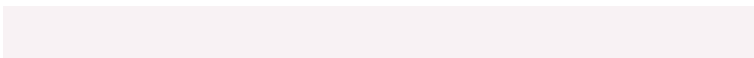
The Inverse Universe completely reimagines the original color for something new.



96, 3.348, 329.430



98, 4.243, 329.486



96, 2.393, 352.585



51, 3.164, 329.552



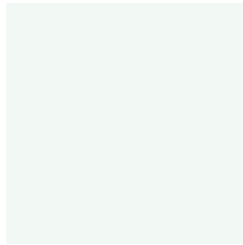
43, 80.910, 336.204



11, 37.201, 335.035

Previews

White Background



This preview shows how the CIE LCh color 97, 3.325, 149.350 looks on a white background.

Color Contrast Check

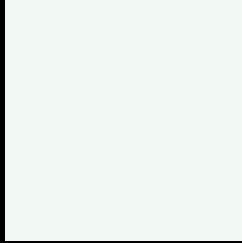
Large Text (above 18pt) WCAG AA × Fail

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, 3.325, 149.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

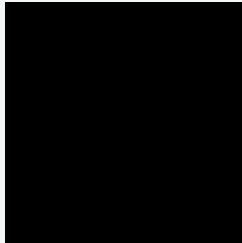
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

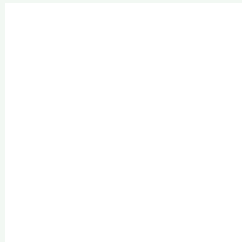
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.325, 149.350

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.325, 149.350.

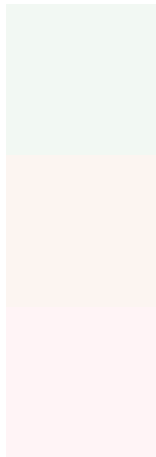


This preview shows how white text looks on a background with the CIELCh color 97, 3.325, 149.350.

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, 3.325, 149.350

Protanopia

97, 3.200, 58.880

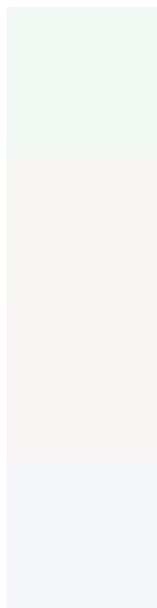
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 4.609, 290.544

Trichromacy



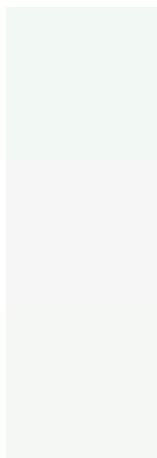
Original Color
97, 3.325, 149.350

Protanomaly
97, 2.144, 90.695

Deuteranomaly
97, 1.766, 19.158

Tritanomaly
97, 2.158, 271.555

Monochromacy



Original Color
97, 3.325, 149.350

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.237, 144.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.325, 149.350 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(242, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 248, 243)  
}
```

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(242, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.325, 149.350 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(242, 248, 243) }
```

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

```
.border{ border-color:rgb(242, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.325, 149.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 243) }
```

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

```
.background{ background-color: rgb(242,  
248, 243) }
```

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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