

Converting Colors

CIE LCh(97, 8.323, 166.733)

Have a look what the booklet for
CIELCh(97, 8.323, 166.733) contains.

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Color

CIELCh(97, 8.413, 165.803)

Conversions

Conversions Part 1

Format	Color
Hex	E7FBF2
RGB	231, 251, 242
RGB Percent	91%, 98%, 95%
CMY	0.0939, 0.0154, 0.0508
CMYK	0.08, 0.00, 0.04, 0.02
HSL	153°, 72%, 95%
HSV	153°, 8%, 98%
XYZ	83.5215, 92.4403, 97.4876
YIQ	243.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

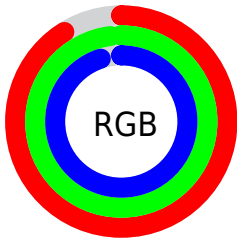
Format	Color
R_{YB}	231, 244, 251
Decimal	15203314
CIE _{Lab}	97.00, -8.16, 2.06
CIE _{LCh}	97, 8.413, 165.803
Y _{xy}	92.4403, 0.3054, 0.3381
Android (android.graphics.Color)	4293393394 (0xFFE7FBF2)
YUV	243.9940, -0.9830, -11.3957
Hunter-Lab	96.1459, -13.1932, 7.1847

Details

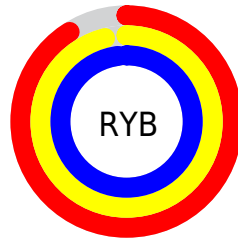
The CIELCh color **97, 8.413, 165.803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.531, 347.070**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.221, 167.327** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.937, 164.818**, and if you desaturate by 10%, it is **99, 1.826, 339.320**.

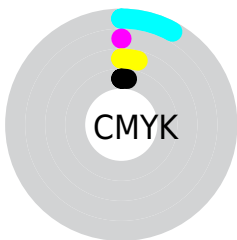
Distribution



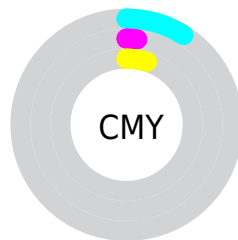
- Red (91%)
- Green (98%)
- Blue (95%)



- Red (91%)
- Yellow (96%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.413, 165.803 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, 8.413, 165.803 by changing the saturation by 10% instead.

 97, 8.413, 165.803

 97, 8.413, 165.803

 100, 8.413,
165.803

 87, 8.413, 165.803

 77, 8.413, 165.803

 67, 8.413, 165.803

 57, 8.413, 165.803

 47, 8.413, 165.803

 37, 8.413, 165.803

 27, 8.413, 165.803

 17, 8.413, 165.803

 7, 8.413, 165.803

97, 8.413, 165.803

97, 8.413, 165.803

95, 18.937,
164.818

99, 1.826, 339.320

99, 2.455, 324.401

93, 29.276,
163.762

92, 39.270,
162.588

91, 48.739,
161.269

90, 57.504,
159.780

89, 65.404,
158.095

88, 72.332,
156.196

88, 78.255,
154.079

■ 87, 83.266,
151.782

Harmonies

Complementary

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



97, 8.413, 165.803



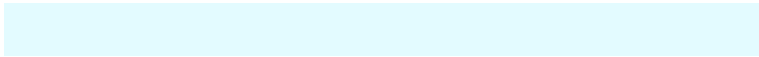
93, 8.531, 347.070

Rectangle

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



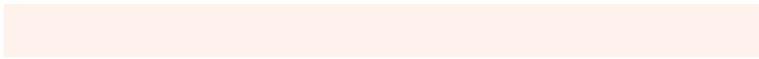
97, 8.413, 165.803



97, 8.413, 215.803



97, 8.413, 345.803



97, 8.413, 35.803

Sweetspot

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



97, 8.415, 165.797



100, 2.133, 166.498



97, 10.905, 129.893



53, 1.212, 166.519



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, 8.415, 165.797



98, 10.695, 165.599



97, 6.644, 202.027



51, 5.981, 165.649



67, 67.378, 151.759



22, 28.580, 155.157

Inverse Universe

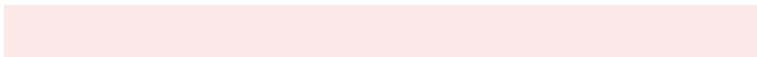
The Inverse Universe completely reimagines the original color for something new.



93, 8.531, 347.070



93, 10.873, 347.270



93, 6.993, 22.598



49, 6.076, 347.220



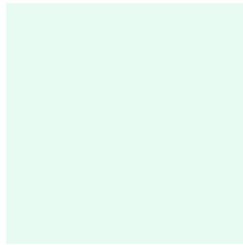
40, 67.322, 6.878



10, 30.684, 0.237

Previews

White Background



This preview shows how the CIE LCh color 97, 8.413, 165.803 looks on a white background.

Color Contrast Check

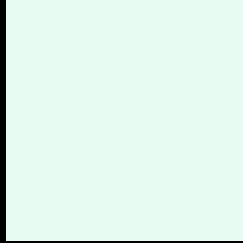
Large Text (above 18pt) WCAG AA × Fail

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, 8.413, 165.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

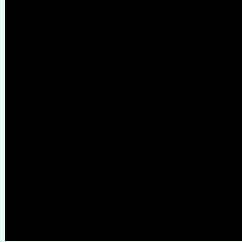
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

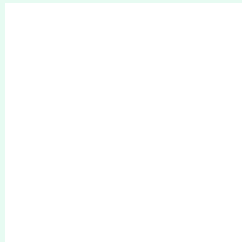
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.413, 165.803

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.413, 165.803.

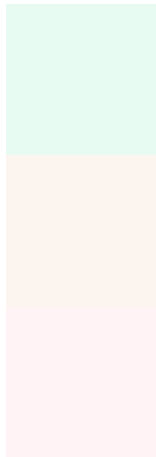


This preview shows how white text looks on a background with the CIELCh color 97, 8.413, 165.803.

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, 8.413, 165.803

Protanopia

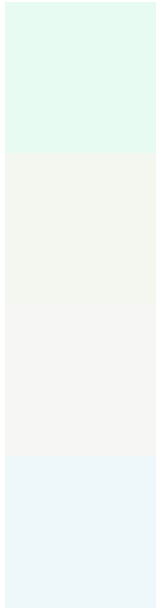
97, 3.928, 70.419

Deuteranopia

97, 4.532, 359.827

Tritanopia
97, 4.417, 267.541

Trichromacy



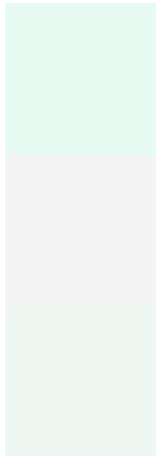
Original Color
97, 8.413, 165.803

Protanomaly
97, 3.729, 126.432

Deuteranomaly
97, 0.500, 109.989

Tritanomaly
97, 3.596, 215.913

Monochromacy



Original Color
97, 8.413, 165.803

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.489, 163.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.413, 165.803 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(231, 251, 242)` looks like.

```
.text, #text, p{  
    color:rgb(231, 251, 242)  
}
```

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(231, 251, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 251, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.413, 165.803 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(231, 251, 242) }
```

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

```
.border{ border-color:rgb(231, 251, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 251, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 251, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 251, 242);  
box-shadow:4px 4px 4px 4px rgb(231, 251,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.413, 165.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 251, 242) }
```

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

```
.background{ background-color: rgb(231,  
251, 242) }
```

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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