

Converting Colors

CIELCh(97, 7.564, 145.209)

Have a look what the booklet for
CIELCh(97, 7.564, 145.209) contains.

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Color

CIELCh(97, 7.693, 146.319)

Conversions

Conversions Part 1

Format	Color
Hex	EDFAEE
RGB	237, 250, 238
RGB Percent	93%, 98%, 93%
CMY	0.0711, 0.0201, 0.0672
CMYK	0.05, 0.00, 0.05, 0.02
HSL	125°, 56%, 95%
HSV	125°, 5%, 98%
XYZ	84.4427, 92.4403, 94.1834
YIQ	244.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

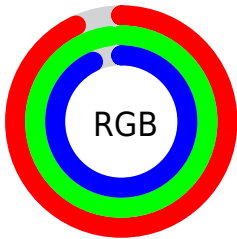
Format	Color
R _Y B	237, 249, 250
Decimal	15596270
CIE Lab	97.00, -6.40, 4.27
CIE LCh	97, 7.693, 146.319
Yxy	92.4403, 0.3115, 0.3410
Android (android.graphics.Color)	4293786350 (0xFFEDFAEE)
YUV	244.7450, -3.3253, -6.7924
Hunter-Lab	96.1459, -11.4828, 9.2223

Details

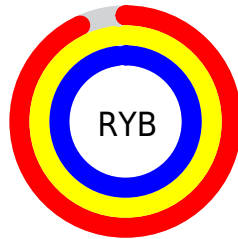
The CIELCh color **97, 7.693, 146.319** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.717, 326.839**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.079, 146.223** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.636, 145.623**, and if you desaturate by 10%, it is **99, 3.189, 324.456**.

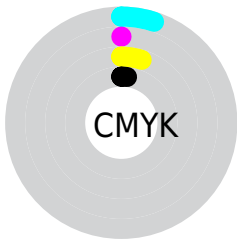
Distribution



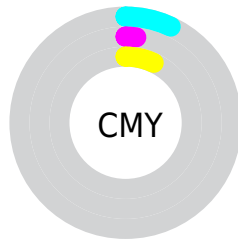
- Red (93%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.693, 146.319 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, 7.693, 146.319 by changing the saturation by 10% instead.

97, 7.693, 146.319

97, 7.693, 146.319

100, 7.693,
146.319

87, 7.693, 146.319

77, 7.693, 146.319

67, 7.693, 146.319

57, 7.693, 146.319

47, 7.693, 146.319

37, 7.693, 146.319

27, 7.693, 146.319

17, 7.693, 146.319

7, 7.693, 146.319

97, 7.693, 146.319

97, 7.693, 146.319

95, 22.636,
145.623

99, 3.189, 324.456

93, 37.596,
144.833

91, 52.339,
143.915

90, 66.555,
142.860

89, 79.871,
141.673

88, 91.851,
140.385

87, 102.012,
139.067

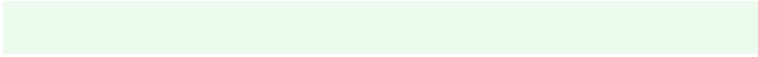
86, 109.867,
137.834

■ 86,115.035,
136.828

Harmonies

Complementary

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



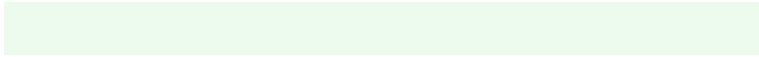
97, 7.693, 146.319



95, 7.717, 326.839

Rectangle

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



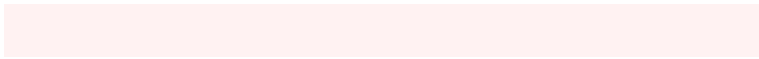
97, 7.693, 146.319



97, 7.693, 196.319



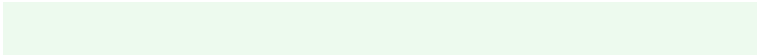
97, 7.693, 326.319



97, 7.693, 16.319

Sweetspot

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



97, 7.695, 146.319



100, 2.993, 146.579



98, 6.618, 112.347



53, 1.701, 146.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

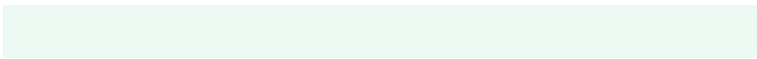
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.695, 146.319



99, 9.027, 146.263



97, 5.410, 167.049



51, 5.893, 146.220



67, 94.070, 136.643



21, 40.846, 138.510

Inverse Universe

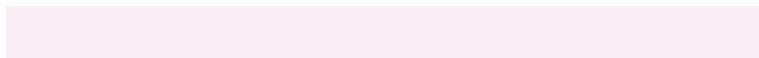
The Inverse Universe completely reimagines the original color for something new.



95, 7.717, 326.839



96, 9.050, 326.891



95, 5.469, 347.770



50, 5.906, 326.931



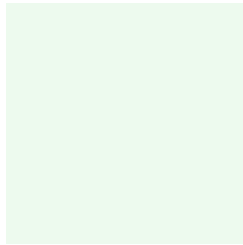
44, 86.753, 331.556



11, 39.551, 331.106

Previews

White Background



This preview shows how the CIELCh color 97, 7.693, 146.319 looks on a white background.

Color Contrast Check

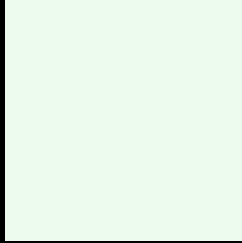
Large Text (above 18pt) WCAG AA × Fail

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, 7.693, 146.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

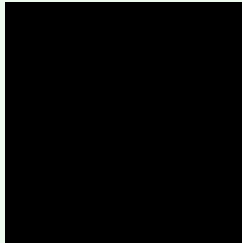
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

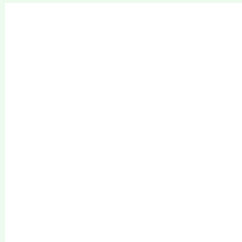
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.693, 146.319

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.693, 146.319.

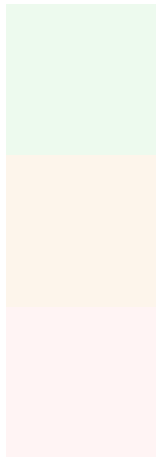


This preview shows how white text looks on a background with the CIELCh color 97, 7.693, 146.319.

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](#).

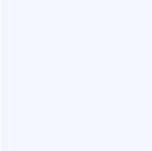
Dichromacy



Original Color
97, 7.693, 146.319

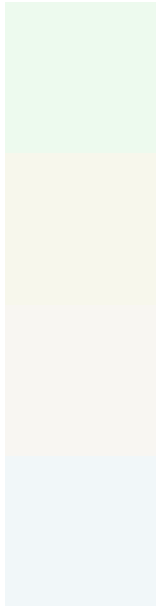
Protanopia
97, 5.831, 80.220

Deuteranopia
97, 3.905, 19.499



Tritanopia
97, 4.650, 282.004

Trichromacy



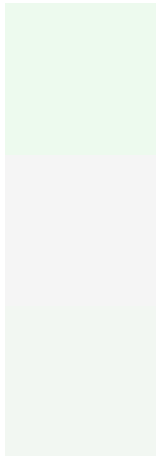
Original Color
97, 7.693, 146.319

Protanomaly
97, 5.600, 109.736

Deuteranomaly
97, 2.144, 90.695

Tritanomaly
97, 2.313, 225.837

Monochromacy



Original Color
97, 7.693, 146.319

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.112, 144.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.693, 146.319 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(237, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 250, 238)  
}
```

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(237, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 250, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.693, 146.319 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(237, 250, 238) }
```

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

```
.border{ border-color:rgb(237, 250, 238) }
```

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

Here you see how a box with a 4 pixel rgb(237, 250, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 250,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.693, 146.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 250, 238) }
```

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

```
.background{ background-color: rgb(237,  
250, 238) }
```

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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