

Converting Colors

CIELCh(97, 6.288, 187.912)

Have a look what the booklet for
CIELCh(97, 6.288, 187.912) contains.

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Color

CIELCh(97, 6.321, 189.776)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAF8
RGB	232, 250, 248
RGB Percent	91%, 98%, 97%
CMY	0.0896, 0.0190, 0.0268
CMYK	0.07, 0.00, 0.01, 0.02
HSL	173°, 65%, 95%
HSV	173°, 7%, 98%
XYZ	84.5336, 92.4403, 102.3244
YIQ	244.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

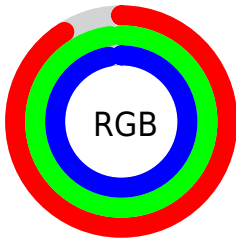
Format	Color
R_{YB}	232, 242, 250
Decimal	15268600
CIE _{Lab}	97.00, -6.23, -1.07
CIE _{LCh}	97, 6.321, 189.776
Yxy	92.4403, 0.3027, 0.3310
Android (android.graphics.Color)	4293458680 (0xFFE8FAF8)
YUV	244.3900, 1.7797, -10.8660
Hunter-Lab	96.1459, -11.3141, 4.2020

Details

The CIELCh color **97, 6.321, 189.776** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.557, 10.745**, 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, 6.607, 189.600** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.805, 188.898**, and if you desaturate by 10%, it is **99, 1.751, 6.046**.

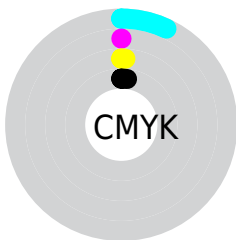
Distribution



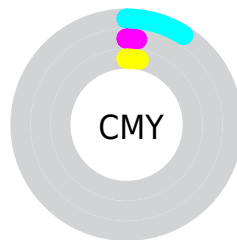
- Red (91%)
- Green (98%)
- Blue (97%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.321, 189.776 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, 6.321, 189.776 by changing the saturation by 10% instead.

 97, 6.321, 189.776

 97, 6.321, 189.776

 100, 6.321,
189.776

 87, 6.321, 189.776

 77, 6.321, 189.776

 67, 6.321, 189.776

 57, 6.321, 189.776

 47, 6.321, 189.776

 37, 6.321, 189.776

 27, 6.321, 189.776

 17, 6.321, 189.776

 7, 6.321, 189.776

97, 6.321, 189.776

97, 6.321, 189.776

95, 14.805,
188.898

99, 1.751, 6.046

94, 22.806,
188.061

99, 2.504, 332.785

99, 3.011, 324.444

93, 30.174,
187.210

91, 36.761,
186.331

91, 42.429,
185.409

90, 47.074,
184.429

89, 50.644,
183.370

89, 53.159,
182.214

■ 89, 54.735,
180.948

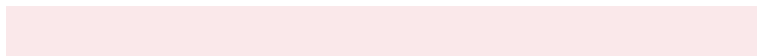
Harmonies

Complementary

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



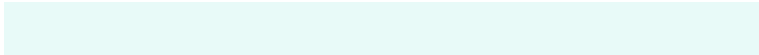
97, 6.321, 189.776



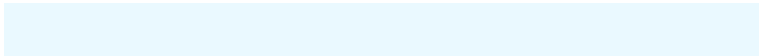
93, 6.557, 10.745

Rectangle

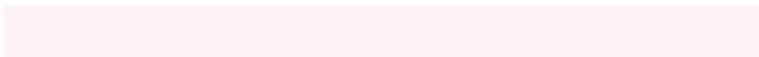
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



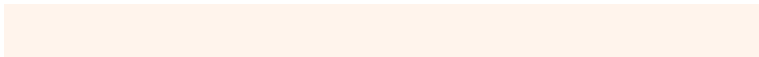
97, 6.321, 189.776



97, 6.321, 239.776



97, 6.321, 9.776



97, 6.321, 59.776

Sweetspot

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



97, 6.323, 189.760



100, 1.797, 190.429



97, 10.837, 140.906



53, 1.022, 190.456



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

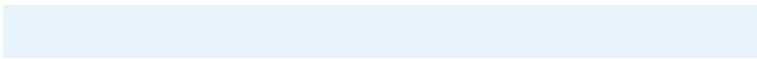
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.323, 189.760



98, 8.004, 189.596



95, 5.164, 242.727



51, 4.969, 189.553



69, 44.472, 180.824



22, 19.803, 182.602

Inverse Universe

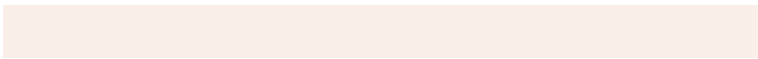
The Inverse Universe completely reimagines the original color for something new.



93, 6.557, 10.745



94, 8.376, 10.930



95, 5.317, 61.068



49, 5.213, 10.979



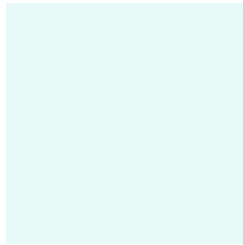
39, 78.600, 35.319



9, 31.452, 21.616

Previews

White Background



This preview shows how the CIE LCh color 97, 6.321, 189.776 looks on a white background.

Color Contrast Check

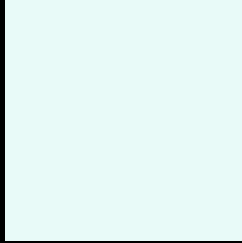
Large Text (above 18pt) WCAG AA × Fail

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, 6.321, 189.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

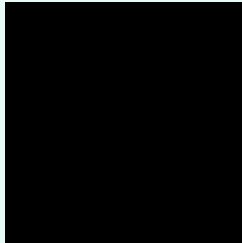
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

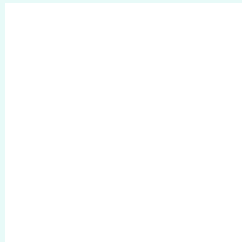
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.321, 189.776

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.321, 189.776.

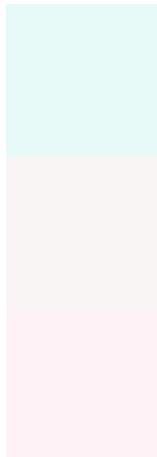


This preview shows how white text looks on a background with the CIELCh color 97, 6.321, 189.776.

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, 6.321, 189.776

Protanopia

97, 1.766, 19.158

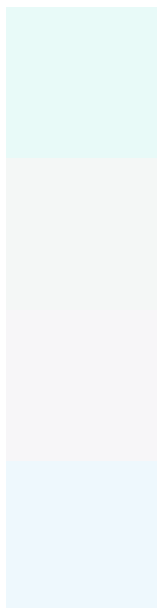
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 4.417, 267.541

Trichromacy



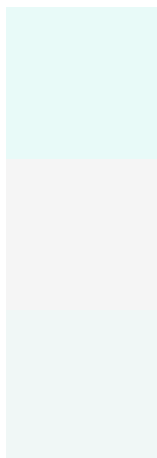
Original Color
97, 6.321, 189.776

Protanomaly
97, 1.170, 174.048

Deuteranomaly
97, 1.096, 308.977

Tritanomaly
97, 4.257, 236.343

Monochromacy



Original Color
97, 6.321, 189.776

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.503, 187.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.321, 189.776 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(232, 250, 248)` looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 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(232, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.321, 189.776 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(232, 250, 248) }
```

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

```
.border{ border-color:rgb(232, 250, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 250, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.321, 189.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 250, 248) }
```

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

```
.background{ background-color: rgb(232,  
250, 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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