

Converting Colors

CIELCh(97, 6.557, 223.637)

Have a look what the booklet for
CIELCh(97, 6.557, 223.637) contains.

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Color

CIELCh(97, 6.608, 221.943)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAFF
RGB	232, 250, 255
RGB Percent	91%, 98%, 100%
CMY	0.0916, 0.0210, 0.0014
CMYK	0.09, 0.02, 0.00, 0.00
HSL	193°, 97%, 95%
HSV	193°, 9%, 100%
XYZ	85.2286, 92.4403, 107.6534
YIQ	245.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 242, 255
Decimal	15268607
CIE Lab	97.00, -4.92, -4.42
CIE LCh	97, 6.608, 221.943
Yxy	92.4403, 0.2987, 0.3240
Android (android.graphics.Color)	4293458687 (0xFFE8FAFF)
YUV	245.1880, 4.8373, -11.5659
Hunter-Lab	96.1459, -10.0238, 0.9158

Details

The CIELCh color **97, 6.608, 221.943** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.986, 41.155**, 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, 6.717, 217.700** is the 20% darker color. If you saturate the color by 10%, you get **94, 13.550, 222.398**, and if you desaturate by 10%, it is **100, 0.171, 109.713**.

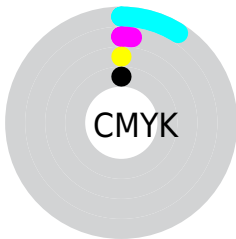
Distribution



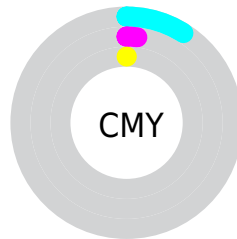
- Red (91%)
- Green (98%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.608, 221.943 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, 6.608, 221.943 by changing the saturation by 10% instead.

 97, 6.608, 221.943

 97, 6.608, 221.943

 100, 6.608,
221.943

 87, 6.608, 221.943

 77, 6.608, 221.943

 67, 6.608, 221.943

 57, 6.608, 221.943

 47, 6.608, 221.943

 37, 6.608, 221.943

 27, 6.608, 221.943

 17, 6.608, 221.943

 7, 6.608, 221.943

97, 6.608, 221.943

97, 6.608, 221.943

94, 13.550,
222.398

100, 0.171,
109.713

91, 20.000,
223.113

88, 25.848,
224.098

86, 30.982,
225.417

83, 35.309,
227.148

81, 38.766,
229.380

79, 41.353,
232.205

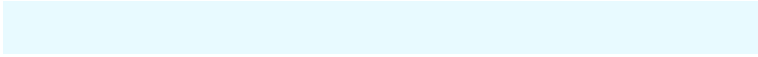
77, 43.152,
235.693

■ 75, 44.376,
239.817

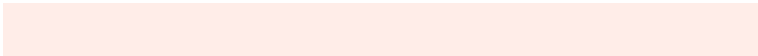
Harmonies

Complementary

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



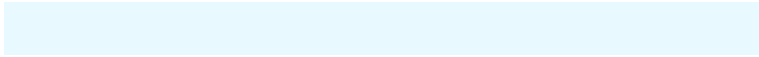
97, 6.608, 221.943



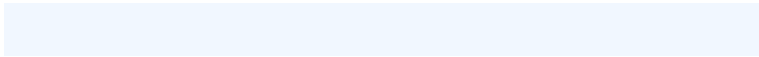
95, 6.986, 41.155

Rectangle

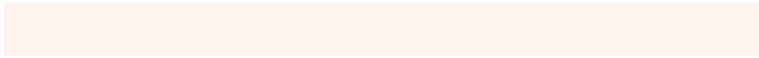
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 6.608, 221.943



97, 6.608, 271.943



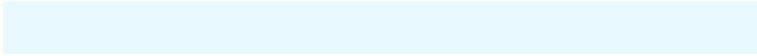
97, 6.608, 41.943



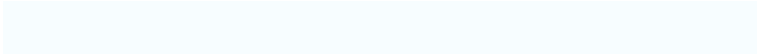
97, 6.608, 91.943

Sweetspot

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



97, 6.608, 221.923



99, 2.231, 221.879



98, 12.313, 150.549



53, 1.688, 221.846



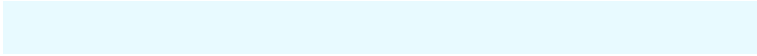
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 6.608, 221.923



97, 8.019, 221.996



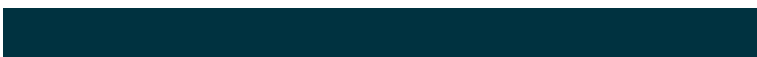
94, 8.731, 276.100



52, 4.160, 221.939



58, 35.772, 239.417



19, 16.220, 233.725

Inverse Universe

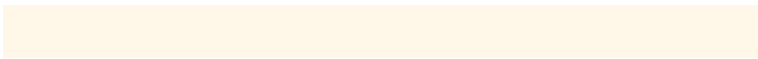
The Inverse Universe completely reimagines the original color for something new.



94, 12.350, 331.682



93, 15.081, 331.816



98, 8.690, 93.792



50, 7.787, 331.714



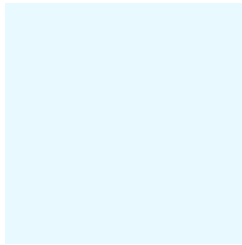
43, 78.674, 339.257



11, 36.901, 337.647

Previews

White Background



This preview shows how the CIELCh color 97, 6.608, 221.943 looks on a white background.

Color Contrast Check

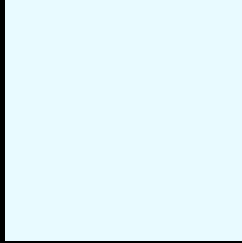
Large Text (above 18pt) WCAG AA × Fail

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, 6.608, 221.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

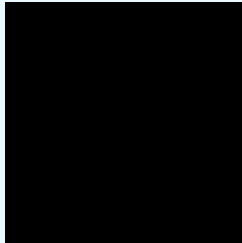
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 6.608, 221.943

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.608, 221.943.

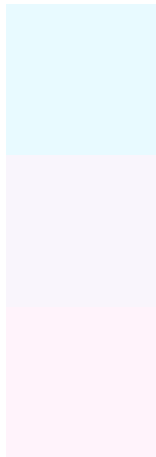


This preview shows how white text looks on a background with the CIELCh color 97, 6.608, 221.943.

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

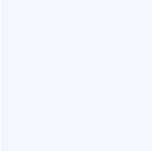
97, 6.608, 221.943

Protanopia

97, 3.868, 311.597

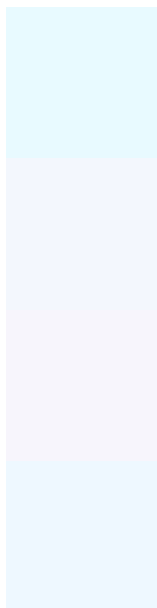
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.556, 263.537

Trichromacy



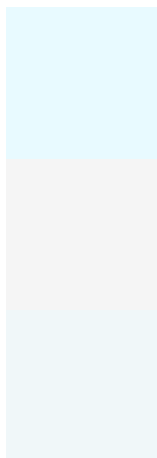
Original Color
97, 6.608, 221.943

Protanomaly
97, 3.351, 266.031

Deuteranomaly
97, 3.666, 301.413

Tritanomaly
97, 4.917, 246.167

Monochromacy



Original Color
97, 6.608, 221.943

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.626, 222.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.608, 221.943 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.608, 221.943 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, 255) }
```

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

```
.border{ border-color:rgb(232, 250, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.608, 221.943 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, 255) }
```

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

```
.background{ background-color: rgb(232,  
250, 255) }
```

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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