

Converting Colors

CIELCh(100, 50.682, 287.767)

Have a look what the booklet for
CIELCh(100, 50.682, 287.767)
contains.

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Color

CIELCh(97, 6.917, 220.851)

Conversions

Conversions Part 1

Format	Color
Hex	E7FAFF
RGB	231, 250, 255
RGB Percent	91%, 98%, 100%
CMY	0.0947, 0.0202, 0.0006
CMYK	0.09, 0.02, 0.00, 0.00
HSL	192°, 99%, 95%
HSV	192°, 9%, 100%
XYZ	85.0606, 92.4403, 107.8280
YIQ	244.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 242, 255
Decimal	15203071
CIE Lab	97.00, -5.23, -4.52
CIE LCh	97, 6.917, 220.851
Yxy	92.4403, 0.2981, 0.3240
Android (android.graphics.Color)	4293393151 (0xFFE7FAFF)
YUV	244.8890, 4.9847, -12.1807
Hunter-Lab	96.1459, -10.3357, 0.8081

Details

The CIELCh color `97, 6.917, 220.851` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 7.336, 40.128`, 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, 7.046, 216.774` is the 20% darker color. If you saturate the color by 10%, you get `94, 13.871, 221.268`, and if you desaturate by 10%, it is `100, 0.071, 109.090`.

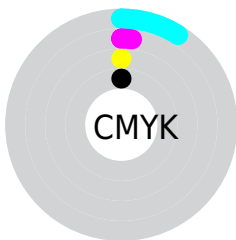
Distribution



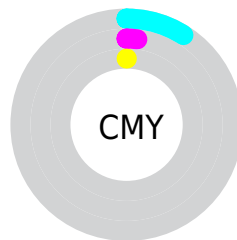
- Red (91%)
- Green (98%)
- Blue (100%)



- 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, 6.917, 220.851 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, 6.917, 220.851 by changing the saturation by 10% instead.

 97, 6.917, 220.851


 97, 6.917, 220.851

 100, 6.917,
220.851

 87, 6.917, 220.851


 77, 6.917, 220.851

 67, 6.917, 220.851

 57, 6.917, 220.851

 47, 6.917, 220.851

 37, 6.917, 220.851

 27, 6.917, 220.851

 17, 6.917, 220.851

 7, 6.917, 220.851

97, 6.917, 220.851

97, 6.917, 220.851

94, 13.871,
221.268

100, 0.071,
109.090

91, 20.319,
221.936

88, 26.149,
222.866

86, 31.249,
224.121

83, 35.521,
225.778

81, 38.903,
227.922

79, 41.393,
230.644

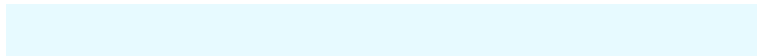
77, 43.073,
234.014

■ 76, 44.164,
238.002

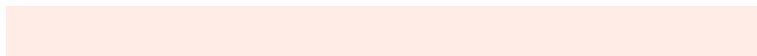
Harmonies

Complementary

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



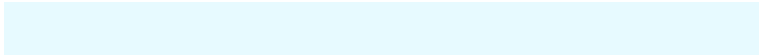
97, 6.917, 220.851



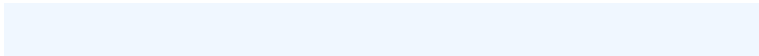
95, 7.336, 40.128

Rectangle

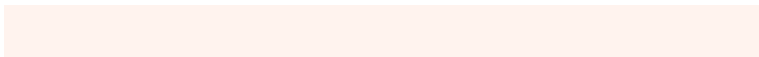
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



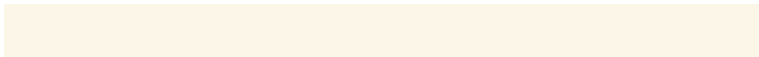
97, 6.917, 220.851



97, 6.917, 270.851



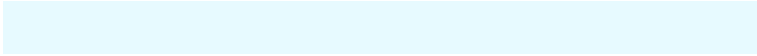
97, 6.917, 40.851



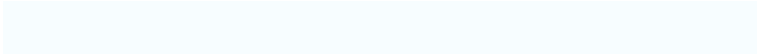
97, 6.917, 90.851

Sweetspot

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



97, 6.917, 220.832



99, 2.240, 220.803



98, 13.007, 149.937



53, 1.695, 220.767



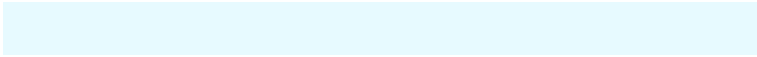
0, 0.000, 0.000



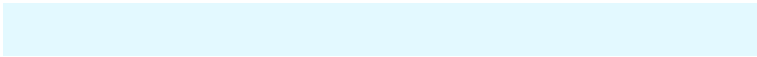
53, 0.007, 296.813

Same Dimension

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



97, 6.917, 220.832



97, 8.052, 220.884



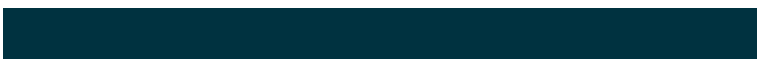
94, 8.946, 274.947



52, 4.178, 220.835



58, 35.557, 237.455



19, 16.178, 231.980

Inverse Universe

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



94, 12.973, 331.382



93, 15.178, 331.489



98, 8.918, 92.512



50, 7.837, 331.388



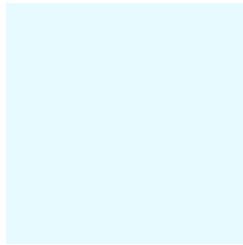
43, 79.198, 338.690



11, 37.122, 337.174

Previews

White Background



This preview shows how the CIELCh color 97, 6.917, 220.851 looks on a white background.

Color Contrast Check

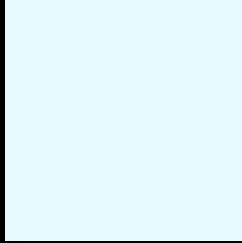
Large Text (above 18pt) WCAG AA × Fail

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, 6.917, 220.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

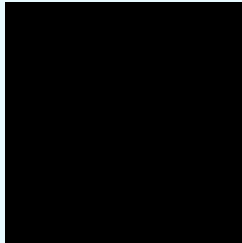
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 6.917, 220.851

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.917, 220.851.

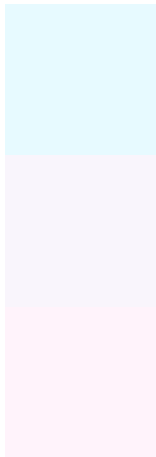


This preview shows how white text looks on a background with the CIELCh color 97, 6.917, 220.851.

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, 6.917, 220.851

Protanopia

97, 3.868, 311.597

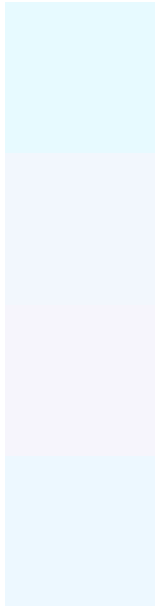
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.556, 263.537

Trichromacy



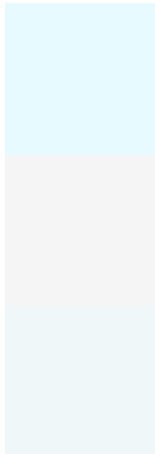
Original Color
97, 6.917, 220.851

Protanomaly
97, 3.503, 260.849

Deuteranomaly
97, 3.612, 295.995

Tritanomaly
97, 5.155, 243.403

Monochromacy



Original Color
97, 6.917, 220.851

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, 6.917, 220.851 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, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.917, 220.851 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, 250, 255) }
```

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

```
.border{ border-color:rgb(231, 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(231, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 250, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 250, 255); box-shadow:4px 4px 4px 4px rgb(231, 250, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.917, 220.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 255) }
```

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

```
.background{ background-color: rgb(231,  
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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