

Converting Colors

CIELCh(100, 44.900, 290.102)

Have a look what the booklet for
CIELCh(100, 44.900, 290.102)
contains.

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Color

CIELCh(97, 4.321, 244.656)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8FE
RGB	239, 248, 254
RGB Percent	94%, 97%, 100%
CMY	0.0636, 0.0284, 0.0049
CMYK	0.06, 0.02, 0.00, 0.00
HSL	204°, 86%, 97%
HSV	204°, 6%, 100%
XYZ	86.8646, 92.4403, 106.8263
YIQ	245.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

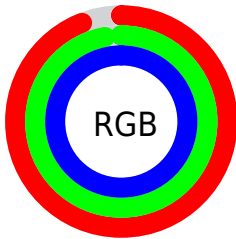
Format	Color
R _Y B	239, 245, 254
Decimal	15726846
CIE Lab	97.00, -1.85, -3.91
CIE LCh	97, 4.321, 244.656
Yxy	92.4403, 0.3036, 0.3231
Android (android.graphics.Color)	4293916926 (0xFFEFF8FE)
YUV	245.9930, 3.9475, -6.1329
Hunter-Lab	96.1459, -6.9865, 1.4259

Details

The CIELCh color **97, 4.321, 244.656** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.413, 63.138**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.171, 239.432** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.471, 245.817**, and if you desaturate by 10%, it is **100, 0.618, 110.007**.

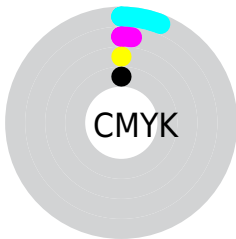
Distribution



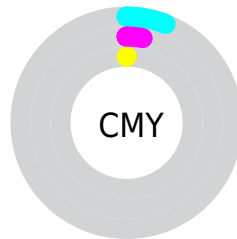
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.321, 244.656 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, 4.321, 244.656 by changing the saturation by 10% instead.

 97, 4.321, 244.656

 97, 4.321, 244.656

 100, 4.321,
244.656

 87, 4.321, 244.656

 77, 4.321, 244.656

 67, 4.321, 244.656

 57, 4.321, 244.656

 47, 4.321, 244.656

 37, 4.321, 244.656

 27, 4.321, 244.656

 17, 4.321, 244.656

 7, 4.321, 244.656

97, 4.321, 244.656

97, 4.321, 244.656

93, 11.471,
245.817

100, 0.618,
110.007

88, 18.378,
247.346

84, 24.986,
249.228

80, 31.241,
251.533

76, 37.108,
254.340

73, 42.587,
257.719

69, 47.731,
261.711

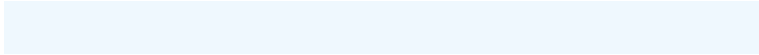
66, 52.657,
266.288

■ 63, 57.546,
271.315

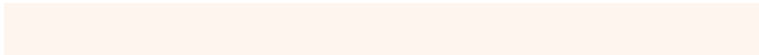
Harmonies

Complementary

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



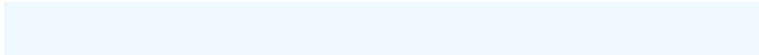
97, 4.321, 244.656



97, 4.413, 63.138

Rectangle

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



97, 4.321, 244.656



97, 4.321, 294.656



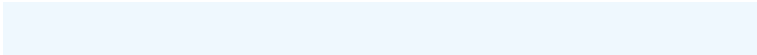
97, 4.321, 64.656



97, 4.321, 114.656

Sweetspot

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



97, 4.320, 244.624



99, 1.480, 244.429



98, 7.089, 157.483



53, 0.842, 244.437



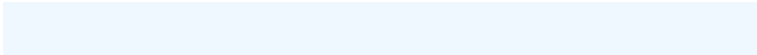
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 4.320, 244.624



97, 5.134, 244.733



95, 6.820, 285.652



51, 3.333, 244.796



47, 47.523, 272.442



14, 19.890, 265.251

Inverse Universe

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



96, 7.050, 339.002



95, 8.399, 339.096



99, 6.737, 104.337



50, 5.461, 339.148



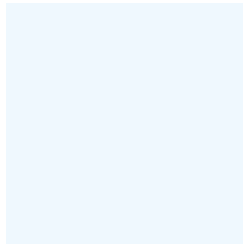
42, 70.368, 352.955



11, 33.155, 348.937

Previews

White Background



This preview shows how the CIELCh color 97, 4.321, 244.656 looks on a white background.

Color Contrast Check

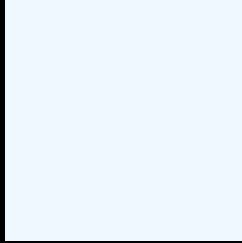
Large Text (above 18pt) WCAG AA × Fail

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, 4.321, 244.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

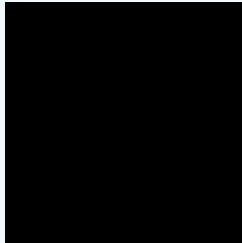
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

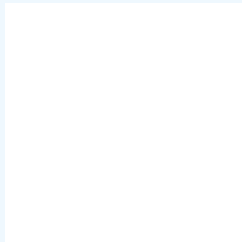
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.321, 244.656

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.321, 244.656.

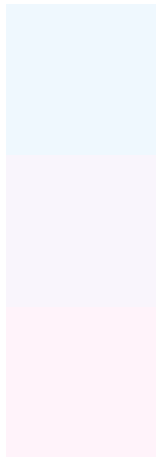


This preview shows how white text looks on a background with the CIELCh color 97, 4.321, 244.656.

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, 4.325, 244.658

Protanopia

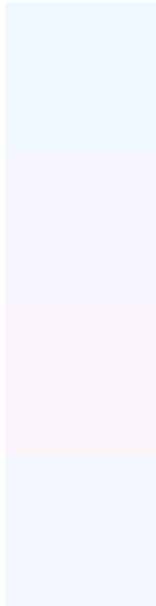
97, 3.868, 311.597

Deuteranopia

97, 5.567, 339.698

Tritanopia
97, 4.650, 282.004

Trichromacy



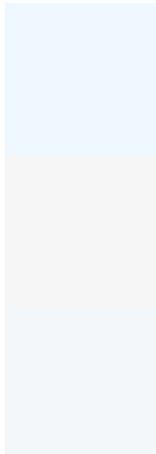
Original Color
97, 4.325, 244.658

Protanomaly
97, 3.599, 284.942

Deuteranomaly
97, 3.397, 314.709

Tritanomaly
97, 4.417, 267.541

Monochromacy



Original Color
97, 4.325, 244.658

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.721, 236.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.321, 244.656 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(239, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 254)  
}
```

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(239, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.321, 244.656 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(239, 248, 254) }
```

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

```
.border{ border-color:rgb(239, 248, 254) }
```

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

Here you see how a box with a 4 pixel rgb(239, 248, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.321, 244.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 254) }
```

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

```
.background{ background-color: rgb(239,  
248, 254) }
```

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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