

Converting Colors

CIELCh(97, 9.001, 254.414)

Have a look what the booklet for
CIELCh(97, 9.001, 254.414) contains.

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Color

CIELCh(97, 6.195, 234.624)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF9E
RGB	234, 249, 255
RGB Percent	92%, 98%, 100%
CMY	0.0828, 0.0239, 0.0000
CMYK	0.08, 0.02, 0.00, 0.00
HSL	197°, 100%, 96%
HSV	197°, 8%, 100%
XYZ	85.9351, 92.4403, 108.6852
YIQ	245.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

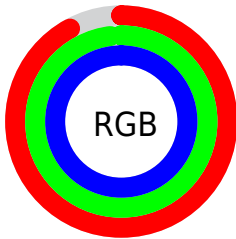
Format	Color
R_{YB}	234, 243, 255
Decimal	15399423
CIE Lab	97.00, -3.59, -5.05
CIE LCh	97, 6.195, 234.624
Yxy	92.4403, 0.2994, 0.3220
Android (android.graphics.Color)	4293589503 (0xFFEAF9FF)
YUV	245.1990, 4.8319, -9.8215
Hunter-Lab	96.1459, -8.7122, 0.2795

Details

The CIELCh color `97, 6.195, 234.624` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 6.231, 49.569`, 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, 5.941, 226.036` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.845, 231.681`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

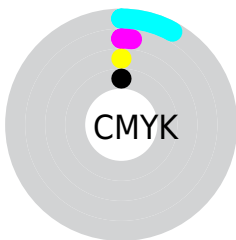
Distribution



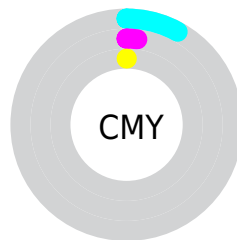
- Red (92%)
- Green (98%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.195, 234.624 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, 6.195, 234.624 by changing the saturation by 10% instead.

 97, 6.195, 234.624

 97, 6.195, 234.624

 100, 6.195,
234.624

 87, 6.195, 234.624

 77, 6.195, 234.624

 67, 6.195, 234.624

 57, 6.195, 234.624

 47, 6.195, 234.624

 37, 6.195, 234.624

 27, 6.195, 234.624

 17, 6.195, 234.624

 7, 6.195, 234.624

97, 6.195, 234.624

97, 6.195, 234.624

93, 12.845,
231.681

100, 0.012,
296.813

90, 19.327,
232.801

87, 25.310,
234.250

83, 30.705,
236.101

80, 35.440,
238.444

78, 39.479,
241.376

75, 42.848,
244.979

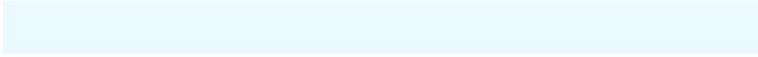
72, 45.656,
249.291

■ 70, 48.120,
254.228

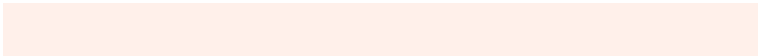
Harmonies

Complementary

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



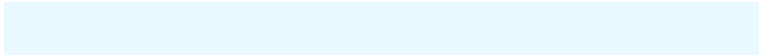
97, 6.195, 234.624



96, 6.231, 49.569

Rectangle

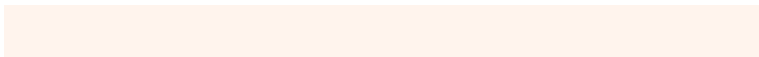
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



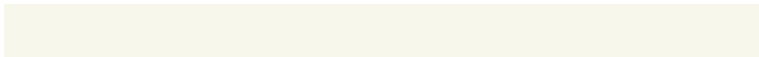
97, 6.195, 234.624



97, 6.195, 284.624



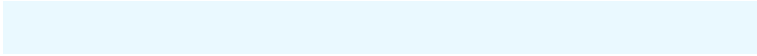
97, 6.195, 54.624



97, 6.195, 104.624

Sweetspot

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



97, 5.955, 230.851



99, 1.460, 230.717



98, 10.757, 153.083



53, 0.830, 230.732



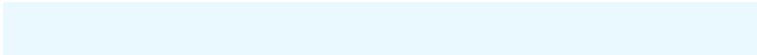
0, 0.000, 0.000



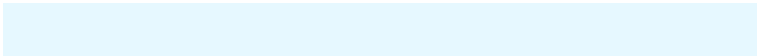
53, 0.007, 296.813

Same Dimension

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



97, 5.955, 230.851



96, 7.167, 230.970



94, 8.626, 280.410



51, 4.079, 230.935



53, 38.808, 254.129



17, 17.043, 247.212

Inverse Universe

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



95, 10.763, 334.363



94, 13.019, 334.490



98, 8.544, 98.404



50, 7.399, 334.453



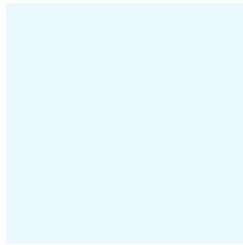
43, 74.855, 344.116



11, 35.254, 341.676

Previews

White Background



This preview shows how the CIELCh color 97, 6.195, 234.624 looks on a white background.

Color Contrast Check

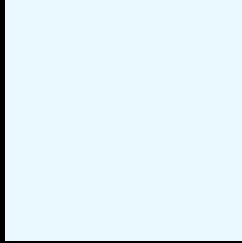
Large Text (above 18pt) WCAG AA × Fail

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, 6.195, 234.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

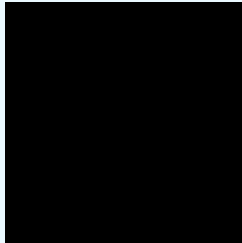
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

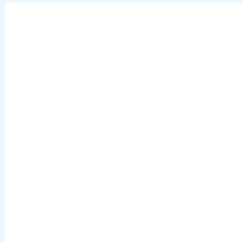
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.195, 234.624

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.195, 234.624.

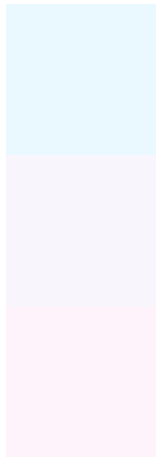


This preview shows how white text looks on a background with the CIELCh color 97, 6.195, 234.624.

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

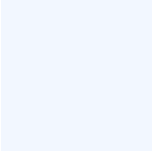
97, 5.927, 230.456

Protanopia

97, 4.246, 304.728

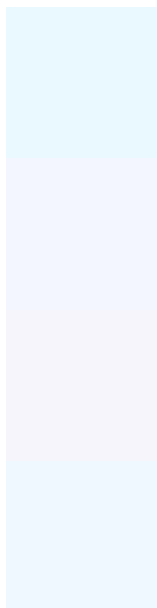
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.417, 267.541

Trichromacy



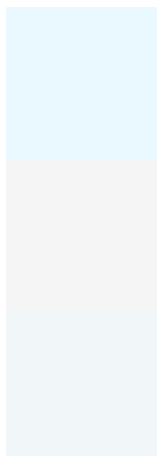
Original Color
97, 5.927, 230.456

Protanomaly
97, 4.212, 276.258

Deuteranomaly
97, 3.666, 301.413

Tritanomaly
97, 4.691, 249.208

Monochromacy



Original Color
97, 5.927, 230.456

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.307, 241.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.195, 234.624 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(234, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 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(234, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.195, 234.624 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(234, 249, 255) }
```

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

```
.border{ border-color:rgb(234, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.195, 234.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 255) }
```

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

```
.background{ background-color: rgb(234,  
249, 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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