

Converting Colors

CIELCh(97, 8.433, 206.259)

Have a look what the booklet for
CIELCh(97, 8.433, 206.259) contains.

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Color

CIELCh(97, 8.223, 206.134)

Conversions

Conversions Part 1

Format	Color
Hex	E3FBFD
RGB	227, 251, 253
RGB Percent	89%, 98%, 99%
CMY	0.1097, 0.0156, 0.0077
CMYK	0.10, 0.01, 0.00, 0.01
HSL	185°, 87%, 94%
HSV	185°, 10%, 99%
XYZ	83.9269, 92.4403, 106.3704
YIQ	244.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

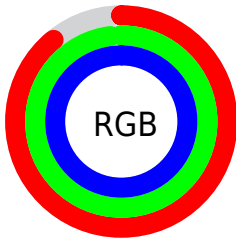
Format	Color
R_{YB}	227, 239, 253
Decimal	14941181
CIE _{Lab}	97.00, -7.38, -3.62
CIE _{LCh}	97, 8.223, 206.134
Yxy	92.4403, 0.2968, 0.3269
Android (android.graphics.Color)	4293131261 (0xFFE3FBFD)
YUV	244.0520, 4.4114, -14.9546
Hunter-Lab	96.1459, -12.4405, 1.7070

Details

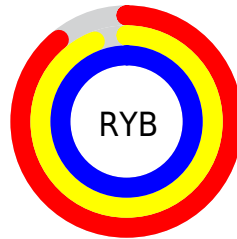
The CIELCh color `97, 8.223, 206.134` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 8.796, 26.617`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 8.221, 206.384` is the 20% darker color. If you saturate the color by 10%, you get `95, 15.744, 205.893`, and if you desaturate by 10%, it is `99, 0.226, 209.248`.

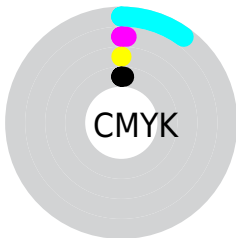
Distribution



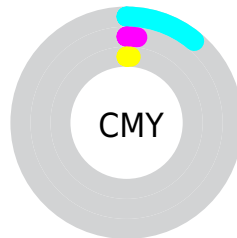
- Red (89%)
- Green (98%)
- Blue (99%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.223, 206.134 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, 8.223, 206.134 by changing the saturation by 10% instead.

 97, 8.223, 206.134

 97, 8.223, 206.134

 100, 8.223,
206.134

 87, 8.223, 206.134

 77, 8.223, 206.134

 67, 8.223, 206.134

 57, 8.223, 206.134

 47, 8.223, 206.134

 37, 8.223, 206.134

 27, 8.223, 206.134

 17, 8.223, 206.134

 7, 8.223, 206.134

97, 8.223, 206.134

97, 8.223, 206.134

95, 15.744,
205.893

99, 0.226, 209.248

93, 22.657,
205.788

100, 0.947,
108.288

91, 28.824,
205.810

100, 0.988,
110.026

90, 34.114,
205.979

88, 38.414,
206.323

87, 41.647,
206.870

86, 43.795,
207.648

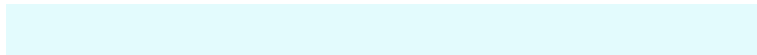
86, 44.912,
208.682

■ 85, 45.213,
209.920

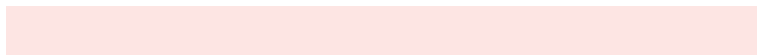
Harmonies

Complementary

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



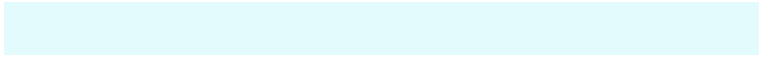
97, 8.223, 206.134



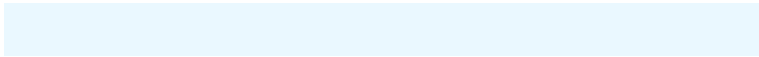
93, 8.796, 26.617

Rectangle

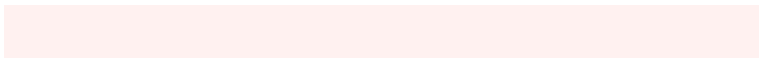
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



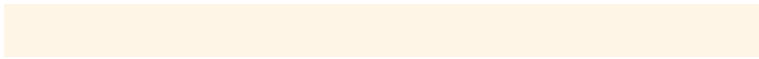
97, 8.223, 206.134



97, 8.223, 256.134



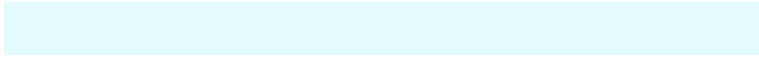
97, 8.223, 26.134



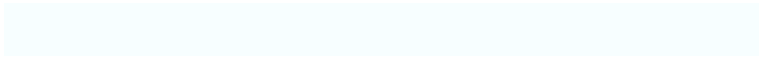
97, 8.223, 76.134

Sweetspot

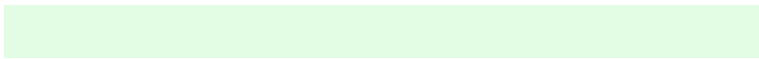
The Sweet Spot groups the original color and five complimentary colors.



97, 8.224, 206.120



99, 2.461, 206.497



97, 15.523, 145.676



53, 1.862, 206.417



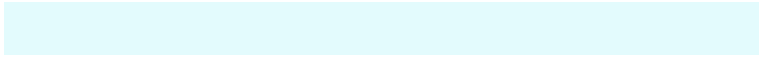
0, 0.000, 0.000



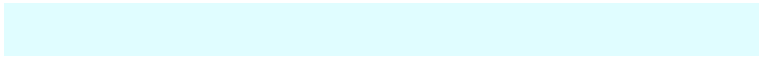
53, 0.007, 296.813

Same Dimension

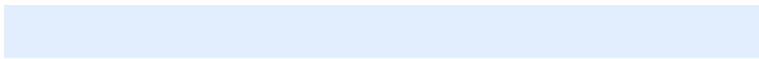
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 8.224, 206.120



97, 9.619, 206.070



94, 8.432, 263.718



52, 4.589, 206.144



66, 36.678, 209.670



22, 17.033, 207.920

Inverse Universe

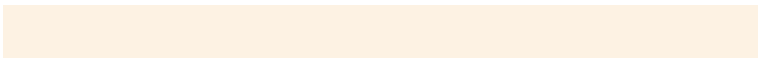
The Inverse Universe completely reimagines the original color for something new.



93, 15.441, 327.148



93, 18.164, 327.251



96, 8.552, 80.922



50, 8.594, 327.102



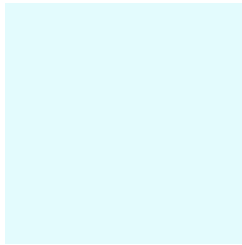
45, 87.629, 331.553



12, 40.607, 331.124

Previews

White Background



This preview shows how the CIELCh color 97, 8.223, 206.134 looks on a white background.

Color Contrast Check

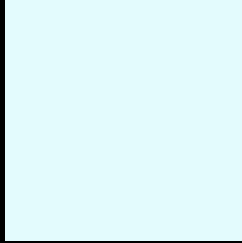
Large Text (above 18pt) WCAG AA × Fail

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, 8.223, 206.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

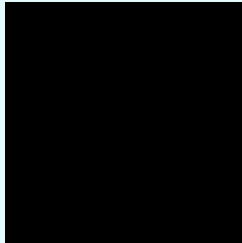
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

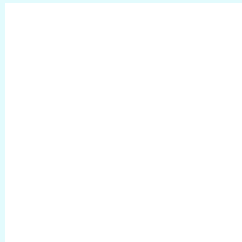
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.223, 206.134

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.223, 206.134.

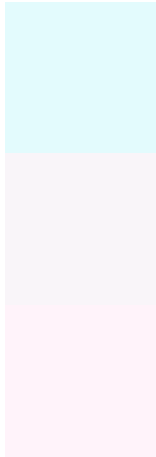


This preview shows how white text looks on a background with the CIELCh color 97, 8.223, 206.134.

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, 8.223, 206.134

Protanopia

97, 2.503, 324.409

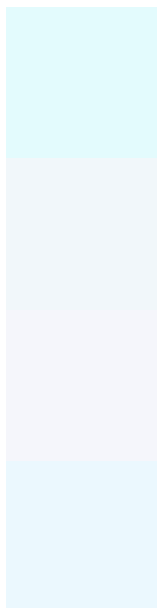
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.715, 259.792

Trichromacy



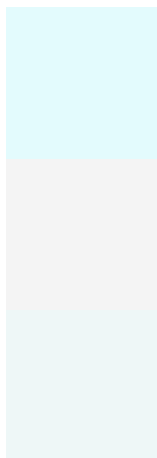
Original Color
97, 8.223, 206.134

Protanomaly
97, 2.572, 236.221

Deuteranomaly
97, 2.584, 282.663

Tritanomaly
97, 5.366, 234.231

Monochromacy



Original Color
97, 8.223, 206.134

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.132, 199.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.223, 206.134 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(227, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(227, 251, 253)  
}
```

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(227, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 251, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.223, 206.134 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(227, 251, 253) }
```

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

```
.border{ border-color:rgb(227, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(227, 251,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.223, 206.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 251, 253) }
```

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

```
.background{ background-color: rgb(227,  
251, 253) }
```

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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