

Converting Colors

CIELCh(97, 10.275, 206.554)

Have a look what the booklet for
CIELCh(97, 10.275, 206.554)
contains.

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Color

CIElCh(97, 10.216, 207.506)

Conversions

Conversions Part 1

Format	Color
Hex	DEFCEFF
RGB	222, 252, 255
RGB Percent	87%, 99%, 100%
CMY	0.1291, 0.0114, 0.0000
CMYK	0.13, 0.01, 0.00, 0.00
HSL	185°, 100%, 94%
HSV	185°, 13%, 100%
XYZ	83.0488, 92.4403, 108.1428
YIQ	243.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

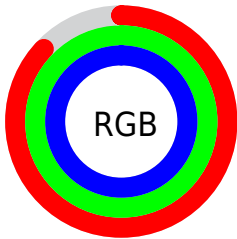
Format	Color
R_{YB}	222, 238, 255
Decimal	14613759
CIE _{Lab}	97.00, -9.06, -4.72
CIE _{LCh}	97, 10.216, 207.506
Yxy	92.4403, 0.2928, 0.3259
Android (android.graphics.Color)	4292803839 (0xFFDEFDFF)
YUV	243.3720, 5.7326, -18.7432
Hunter-Lab	96.1459, -14.0708, 0.6140

Details

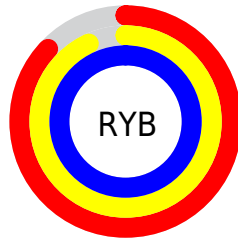
The CIELCh color **97, 10.216, 207.506** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 11.128, 27.834**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.941, 208.087** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.555, 207.118**, and if you desaturate by 10%, it is **99, 2.362, 207.667**.

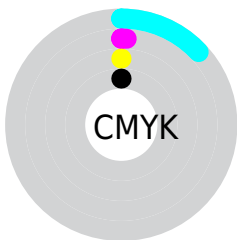
Distribution



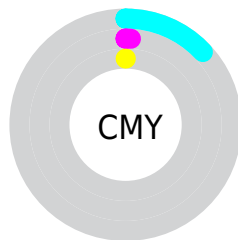
- Red (87%)
- Green (99%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 10.216, 207.506 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, 10.216, 207.506 by changing the saturation by 10% instead.


 97, 10.216,
207.506


 97, 10.216,
207.506


 100, 10.216,
207.506


 87, 10.216,
207.506


 77, 10.216,
207.506

 67, 10.216,
207.506

 57, 10.216,
207.506

 47, 10.216,
207.506

 37, 10.216,
207.506

 27, 10.216,

207.506

■ 17, 10.216,
207.506

■ 7, 10.216, 207.506

■ 97, 10.216,
207.506

■ 97, 10.216,
207.506

■ 95, 17.555,
207.118

■ 99, 2.362, 207.667

■ 93, 24.256,
207.111

100, 0.012,
296.813

■ 91, 30.180,
207.248

■ 90, 35.196,
207.556

■ 88, 39.201,
208.067

■ 87, 42.129,
208.814

■ 86, 43.980,
209.833

■ 85, 44.833,
211.151

■ 85, 44.986,
212.248

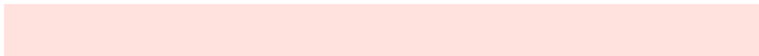
Harmonies

Complementary

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



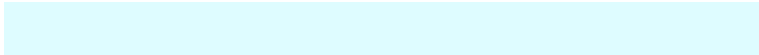
97, 10.216, 207.506



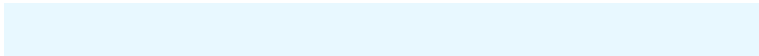
92, 11.128, 27.834

Rectangle

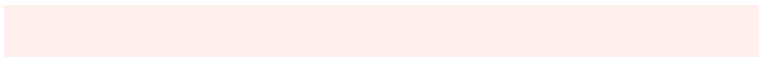
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 10.216, 207.506



97, 10.216, 257.506



97, 10.216, 27.506



97, 10.216, 77.506

Sweetspot

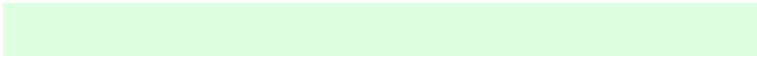
The Sweet Spot groups the original color and five complimentary colors.



97, 10.213, 207.253



99, 3.240, 207.565



97, 19.427, 145.975



53, 2.298, 207.516



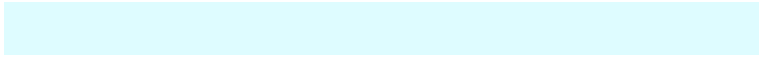
0, 0.000, 0.000



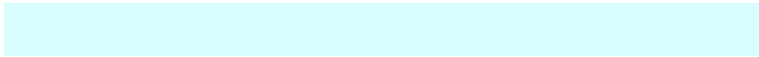
53, 0.007, 296.813

Same Dimension

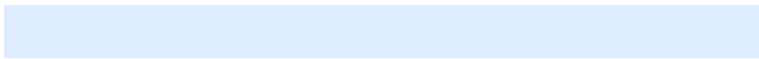
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 10.213, 207.253



97, 11.795, 207.213



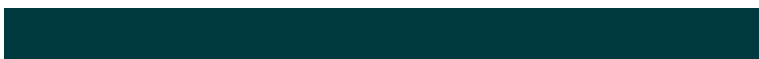
93, 10.841, 265.700



52, 4.541, 207.334



65, 36.282, 211.945



22, 16.856, 209.875

Inverse Universe

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



92, 19.391, 327.657



91, 22.554, 327.782



96, 11.014, 82.182



50, 8.525, 327.452



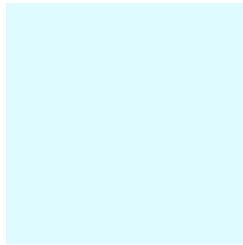
44, 86.826, 332.110



12, 40.280, 331.603

Previews

White Background



This preview shows how the CIE LCh color 97, 10.216, 207.506 looks on a white background.

Color Contrast Check

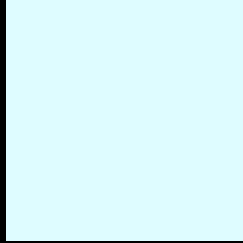
Large Text (above 18pt) WCAG AA × Fail

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, 10.216, 207.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

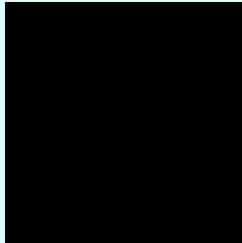
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 10.216, 207.506

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.216, 207.506.

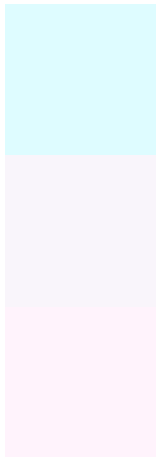


This preview shows how white text looks on a background with the CIELCh color 97, 10.216, 207.506.

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](#).

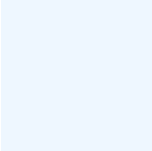
Dichromacy



Original Color
97, 10.216, 207.506

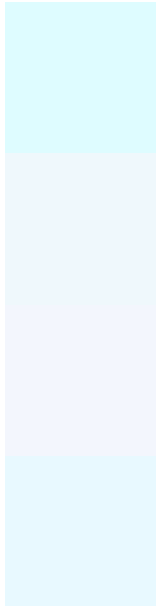
Protanopia
97, 3.397, 314.709

Deuteranopia
97, 6.275, 332.584



Tritanopia
97, 5.086, 253.088

Trichromacy



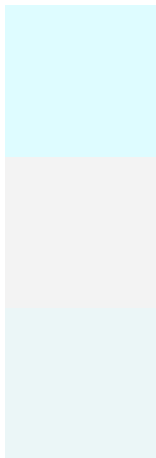
Original Color
97, 10.216, 207.506

Protanomaly
97, 3.695, 233.059

Deuteranomaly
97, 3.719, 274.258

Tritanomaly
97, 6.510, 227.355

Monochromacy



Original Color
97, 10.216, 207.506

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.844, 206.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 10.216, 207.506 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(222, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 252, 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(222, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.216, 207.506 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(222, 252, 255) }
```

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

```
.border{ border-color:rgb(222, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.216, 207.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 255) }
```

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

```
.background{ background-color: rgb(222,  
252, 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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