

Converting Colors

CIELCh(95, 27.920, 185.234)

Have a look what the booklet for
CIELCh(95, 27.920, 185.234)
contains.

CIELCh(95, 27.374, 186.804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 27.374, 186.804)

Conversions

Conversions Part 1

Format	Color
Hex	ADFFF6
RGB	173, 255, 246
RGB Percent	68%, 100%, 96%
CMY	0.3220, 0.0000, 0.0357
CMYK	0.32, 0.00, 0.04, 0.00
HSL	173°, 100%, 84%
HSV	173°, 32%, 100%
XYZ	69.8762, 87.6183, 100.3341
YIQ	229.4560, -45.9830, -20.1830

Conversions

Conversions Part 2

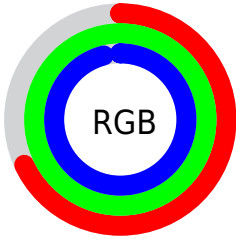
Format	Color
RYB	173, 216, 255
Decimal	11403254
CIELab	95.00, -27.18, -3.24
CIELCh	95, 27.374, 186.804
Yxy	87.6183, 0.2710, 0.3398
Android (android.graphics.Color)	4289593334 (0xFFADFFF6)
YUV	229.4560, 8.1562, -49.5119
Hunter-Lab	93.6047, -30.5573, 1.9708

Details

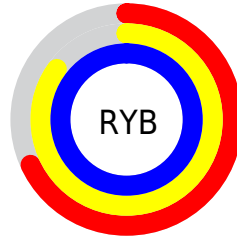
The CIELCh color **95, 27.374, 186.804** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 32.178, 13.770**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **75, 26.944, 188.075** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.088, 186.812**, and if you desaturate by 10%, it is **96, 19.169, 188.517**.

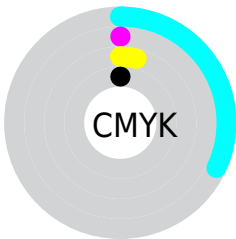
Distribution



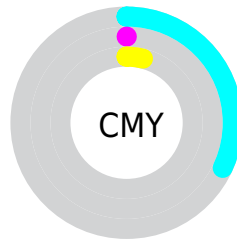
- Red (68%)
- Green (100%)
- Blue (96%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 27.374, 186.804 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 95, 27.374, 186.804 by changing the saturation by 10% instead.


 95, 27.374,
186.804


 95, 27.374,
186.804


 100, 27.374,
186.804


 85, 27.374,
186.804

 75, 27.374,
186.804

 65, 27.374,
186.804

 55, 27.374,
186.804

 45, 27.374,
186.804

 35, 27.374,
186.804

 25, 27.374,

186.804

■ 15, 27.374,
186.804

■ 5, 27.374, 186.804

■ 95, 27.374,
186.804

■ 95, 27.374,
186.804

■ 94, 34.088,
186.812

■ 96, 19.169,
188.517

■ 93, 40.318,
185.914

■ 98, 10.783,
189.355

■ 92, 45.556,
184.966

■ 100, 1.978,
190.418

■ 91, 49.719,
183.950

■ 100, 0.012,
296.813

■ 91, 52.789,
182.846

■ 90, 54.830,
181.637

■ 90, 55.872,
180.628

Harmonies

Complementary

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



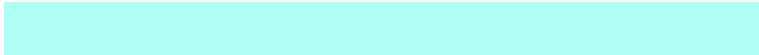
95, 27.374, 186.804



79, 32.178, 13.770

Rectangle

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



95, 27.374, 186.804



95, 27.374, 236.804



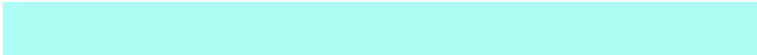
95, 27.374, 6.804



95, 27.374, 56.804

Sweetspot

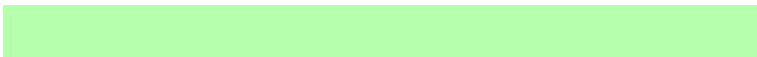
The Sweet Spot groups the original color and five complimentary colors.



95, 26.989, 187.675



98, 8.876, 189.545



94, 49.504, 139.291



52, 6.039, 189.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

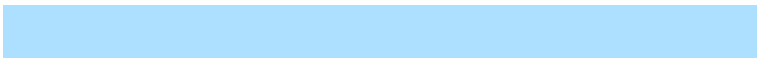
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.989, 187.675



94, 31.903, 187.091



87, 22.436, 246.328



52, 5.051, 189.588



70, 44.901, 180.868



23, 20.346, 182.559

Inverse Universe

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



79, 32.178, 13.770



75, 39.660, 14.882



86, 26.281, 58.800



50, 5.299, 11.017



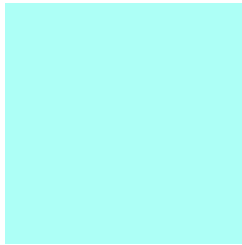
40, 79.453, 35.388



10, 32.528, 22.664

Previews

White Background



This preview shows how the CIE LCh color 95, 27.374, 186.804 looks on a white background.

Color Contrast Check

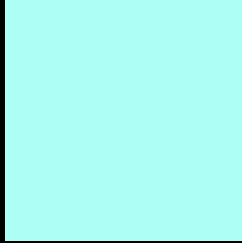
Large Text (above 18pt) WCAG AA × Fail

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 95, 27.374, 186.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

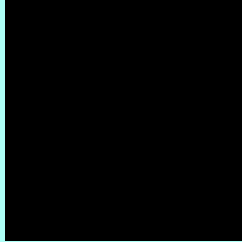
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 27.374, 186.804

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.374, 186.804.



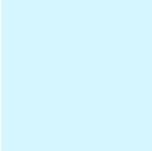
This preview shows how white text looks on a background with the CIELCh color 95, 27.374, 186.804.

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



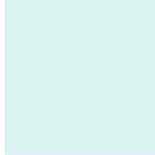


Tritanopia
95, 11.740, 224.913

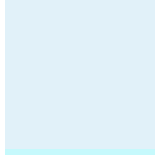
Trichromacy



Original Color
95, 26.942, 187.775



Protanomaly
94, 9.253, 185.987



Deuteranomaly
94, 6.783, 236.647

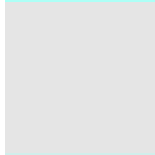


Tritanomaly
95, 16.852, 203.668

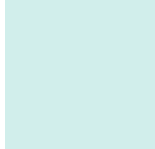
Monochromacy



Original Color
95, 26.942, 187.775



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.160, 189.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.374, 186.804 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(173, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 246)  
}
```

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(173, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.374, 186.804 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(173, 255, 246) }
```

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

```
.border{ border-color:rgb(173, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.374, 186.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 246) }
```

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

```
.background{ background-color: rgb(173,  
255, 246) }
```

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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