

Converting Colors

CIELCh(95, 26.950, 193.383)

Have a look what the booklet for
CIELCh(95, 26.950, 193.383)
contains.

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Color

CIELCh(95, 26.737, 194.424)

Conversions

Conversions Part 1

Format	Color
Hex	ACFFFD
RGB	172, 255, 253
RGB Percent	67%, 100%, 99%
CMY	0.3274, 0.0000, 0.0098
CMYK	0.33, 0.00, 0.01, 0.00
HSL	178°, 100%, 84%
HSV	178°, 33%, 100%
XYZ	70.4758, 87.6183, 105.7121
YIQ	229.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

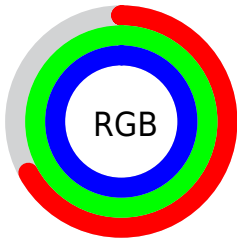
Format	Color
RYB	172, 214, 255
Decimal	11337725
CIELab	95.00, -25.89, -6.66
CIELCh	95, 26.737, 194.424
Yxy	87.6183, 0.2671, 0.3321
Android (android.graphics.Color)	4289527805 (0xFFACFFFD)
YUV	229.9550, 11.3612, -50.8265
Hunter-Lab	93.6047, -29.4140, -1.4357

Details

The CIELCh color **95, 26.737, 194.424** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 32.949, 20.047**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **75, 26.366, 195.074** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.176, 194.438**, and if you desaturate by 10%, it is **96, 19.120, 195.559**.

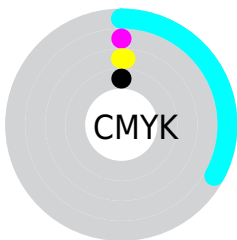
Distribution



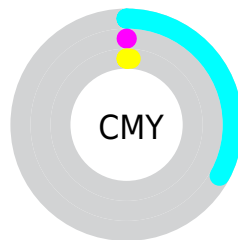
- Red (67%)
- Green (100%)
- Blue (99%)



- Red (67%)
- Yellow (84%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 26.737, 194.424 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, 26.737, 194.424 by changing the saturation by 10% instead.


 95, 26.737,
194.424


 95, 26.737,
194.424


 100, 26.737,
194.424


 85, 26.737,
194.424

 75, 26.737,
194.424

 65, 26.737,
194.424

 55, 26.737,
194.424

 45, 26.737,
194.424

 35, 26.737,
194.424

 25, 26.737,

194.424

■ 15, 26.737,
194.424

■ 5, 26.737, 194.424

■ 95, 26.737,
194.424

■ 95, 26.737,
194.424

■ 94, 33.176,
194.438

■ 96, 19.120,
195.559

■ 93, 38.859,
193.929

■ 98, 11.031,
196.182

■ 92, 43.491,
193.452

■ 99, 2.430, 197.016

■ 92, 47.013,
192.999

100, 0.012,
296.813

■ 91, 49.426,
192.563

■ 91, 50.811,
192.132

■ 91, 51.330,
191.817

Harmonies

Complementary

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



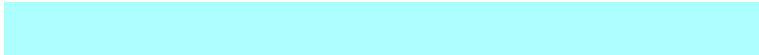
95, 26.737, 194.424



78, 32.949, 20.047

Rectangle

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



95, 26.737, 194.424



95, 26.737, 244.424



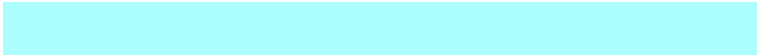
95, 26.737, 14.424



95, 26.737, 64.424

Sweetspot

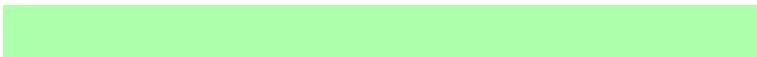
The Sweet Spot groups the original color and five complimentary colors.



95, 26.552, 194.980



98, 8.715, 196.367



93, 51.674, 141.296



52, 5.925, 196.271



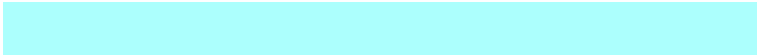
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 26.552, 194.980



94, 30.799, 194.637



85, 24.308, 256.940



52, 4.961, 196.401



70, 41.325, 191.893



24, 18.953, 192.422

Inverse Universe

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



78, 32.949, 20.047



74, 40.058, 21.002



87, 27.197, 67.804



49, 5.253, 17.526



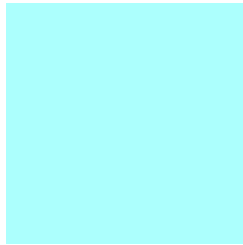
40, 82.916, 38.843



10, 33.122, 25.983

Previews

White Background



This preview shows how the CIE LCh color 95, 26.737, 194.424 looks on a white background.

Color Contrast Check

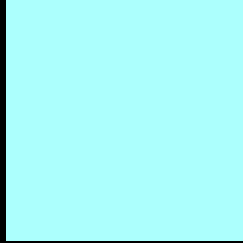
Large Text (above 18pt) WCAG AA × Fail

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, 26.737, 194.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

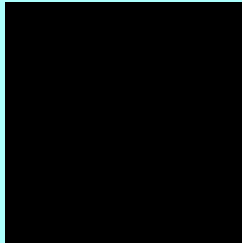
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 26.737, 194.424

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.737, 194.424.

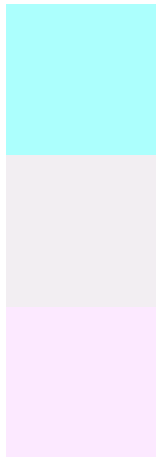


This preview shows how white text looks on a background with the CIELCh color 95, 26.737, 194.424.

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](#).

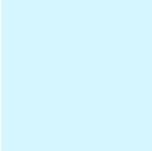
Dichromacy



Original Color
95, 26.369, 195.531

Protanopia
94, 2.517, 324.415

Deuteranopia
94, 13.179, 321.065

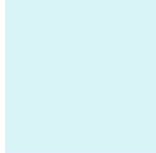


Tritanopia
95, 11.740, 224.913

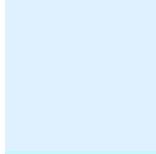
Trichromacy



Original Color
95, 26.369, 195.531



Protanomaly
94, 9.579, 205.046

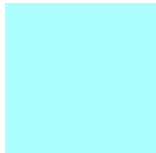


Deuteranomaly
94, 8.943, 247.749

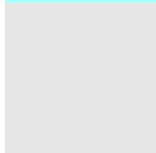


Tritanomaly
95, 16.881, 207.212

Monochromacy



Original Color
95, 26.369, 195.531



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.320, 195.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.737, 194.424 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(172, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 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(172, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.737, 194.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

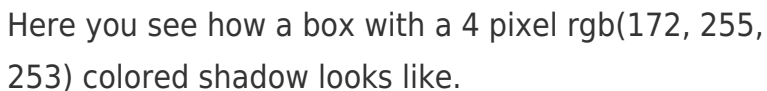
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 255, 253) }
```

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

```
.border{ border-color:rgb(172, 255, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.737, 194.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 253) }
```

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

```
.background{ background-color: rgb(172,  
255, 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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