

Converting Colors

CIELCh(95, 20.231, 173.404)

Have a look what the booklet for
CIELCh(95, 20.231, 173.404)
contains.

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Color

CIELCh(95, 20.526, 172.888)

Conversions

Conversions Part 1

Format	Color
Hex	C6FCEB
RGB	198, 252, 235
RGB Percent	78%, 99%, 92%
CMY	0.2235, 0.0118, 0.0785
CMYK	0.21, 0.00, 0.07, 0.01
HSL	161°, 90%, 88%
HSV	161°, 21%, 99%
XYZ	73.0892, 87.6183, 91.6512
YIQ	233.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

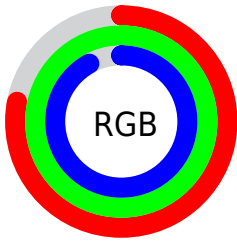
Format	Color
R _Y B	198, 230, 252
Decimal	13040875
CIE Lab	95.00, -20.37, 2.54
CIE LCh	95, 20.526, 172.888
Yxy	87.6183, 0.2896, 0.3472
Android (android.graphics.Color)	4291230955 (0xFFC6FCEB)
YUV	233.9160, 0.5344, -31.4983
Hunter-Lab	93.6047, -24.4303, 7.4706

Details

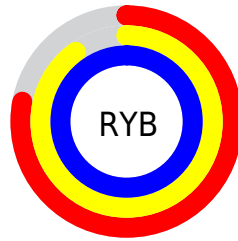
The CIELCh color **95, 20.526, 172.888** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 21.787, 357.148**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 20.504, 172.853** is the 20% darker color. If you saturate the color by 10%, you get **93, 29.653, 171.778**, and if you desaturate by 10%, it is **97, 11.057, 173.919**.

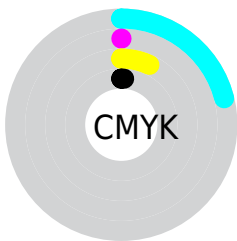
Distribution



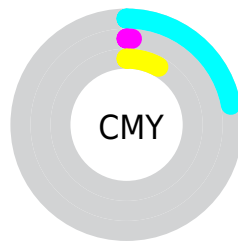
- Red (78%)
- Green (99%)
- Blue (92%)



- Red (78%)
- Yellow (90%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)





- Cyan (22%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 20.526, 172.888 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, 20.526, 172.888 by changing the saturation by 10% instead.


 95, 20.526,
172.888


 95, 20.526,
172.888

 100, 20.526,
172.888


 85, 20.526,
172.888

 75, 20.526,
172.888

 65, 20.526,
172.888

 55, 20.526,
172.888

 45, 20.526,
172.888

 35, 20.526,
172.888

 25, 20.526,

172.888

■ 15, 20.526,
172.888

■ 5, 20.526, 172.888

■ 95, 20.526,
172.888

■ 95, 20.526,
172.888

■ 93, 29.653,
171.778

■ 97, 11.057,
173.919

■ 92, 38.273,
170.569

■ 99, 1.385, 175.213

■ 99, 1.873, 324.342

■ 91, 46.219,
169.233

■ 90, 53.339,
167.744

■ 89, 59.512,
166.076

■ 89, 64.682,
164.208

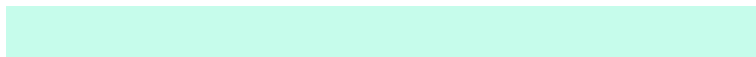
■ 88, 68.877,
162.133

■ 88, 71.863,
160.235

Harmonies

Complementary

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



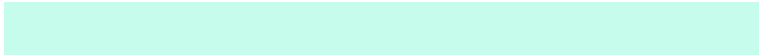
95, 20.526, 172.888



85, 21.787, 357.148

Rectangle

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



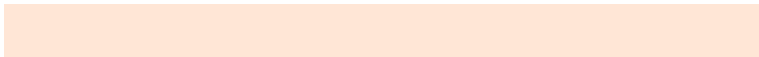
95, 20.526, 172.888



95, 20.526, 222.888



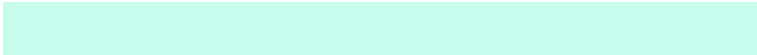
95, 20.526, 352.888



95, 20.526, 42.888

Sweetspot

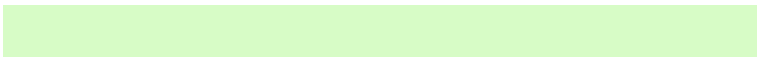
The Sweet Spot groups the original color and five complimentary colors.



95, 20.528, 172.885



99, 5.879, 174.482



95, 30.710, 134.225



53, 3.898, 174.412



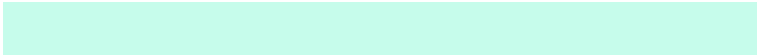
0, 0.000, 0.000



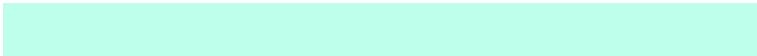
53, 0.007, 296.813

Same Dimension

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



95, 20.528, 172.885



95, 24.989, 172.388



93, 15.261, 218.236



51, 5.469, 174.117



68, 57.422, 160.660



22, 24.710, 163.852

Inverse Universe

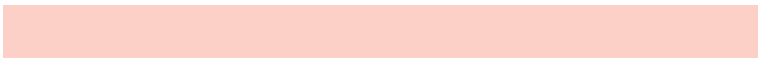
The Inverse Universe completely reimagines the original color for something new.



85, 21.787, 357.148



83, 26.881, 357.731



87, 17.651, 37.429



49, 5.615, 355.788



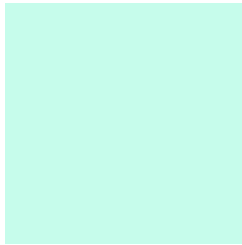
40, 69.479, 19.850



9, 30.530, 11.018

Previews

White Background



This preview shows how the CIE LCh color 95, 20.526, 172.888 looks on a white background.

Color Contrast Check

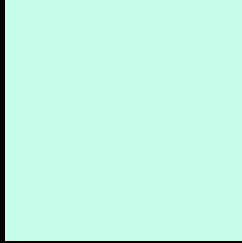
Large Text (above 18pt) WCAG AA × Fail

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, 20.526, 172.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

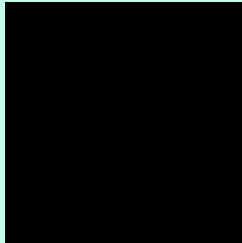
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

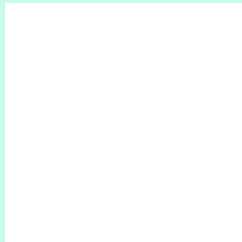
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 20.526, 172.888

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.526, 172.888.

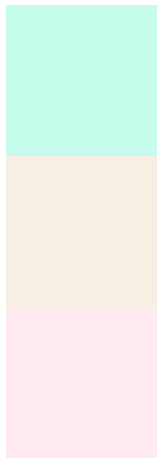


This preview shows how white text looks on a background with the CIELCh color 95, 20.526, 172.888.

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](#).

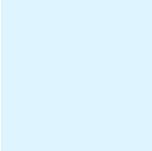
Dichromacy



Original Color
95, 20.526, 172.888

Protanopia
95, 6.313, 82.423

Deuteranopia
95, 7.457, 3.903

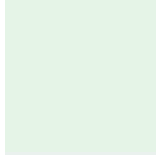


Tritanopia
95, 9.224, 236.971

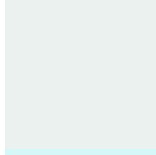
Trichromacy



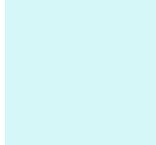
Original Color
95, 20.526, 172.888



Protanomaly
95, 8.578, 147.970



Deuteranomaly
95, 2.920, 167.608

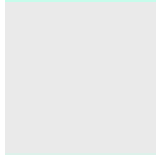


Tritanomaly
95, 11.512, 201.291

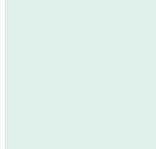
Monochromacy



Original Color
95, 20.526, 172.888



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.929, 171.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 20.526, 172.888 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(198, 252, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 252, 235)  
}
```

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(198, 252, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 252, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.526, 172.888 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(198, 252, 235) }
```

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

```
.border{ border-color:rgb(198, 252, 235) }
```

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

Here you see how a box with a 4 pixel rgb(198, 252, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 252, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 252, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 252,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.526, 172.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 252, 235) }
```

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

```
.background{ background-color: rgb(198,  
252, 235) }
```

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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