

Converting Colors

CIELCh(95, 12.785, 167.148)

Have a look what the booklet for
CIELCh(95, 12.785, 167.148)
contains.

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Color

CIELCh(95, 12.785, 167.148)

Conversions

Conversions Part 1

Format	Color
Hex	D9F8EB
RGB	217, 248, 235
RGB Percent	85%, 97%, 92%
CMY	0.1503, 0.0287, 0.0797
CMYK	0.13, 0.00, 0.05, 0.03
HSL	155°, 68%, 91%
HSV	155°, 13%, 97%
XYZ	76.9379, 87.6183, 91.2115
YIQ	237.2490, -14.3030, -10.6150

Conversions

Conversions Part 2

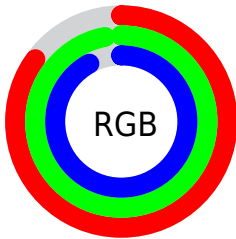
Format	Color
R _{YB}	217, 237, 248
Decimal	14285035
CIE Lab	95.00, -12.46, 2.84
CIE LCh	95, 12.785, 167.148
Yxy	87.6183, 0.3008, 0.3426
Android (android.graphics.Color)	4292475115 (0xFFD9F8EB)
YUV	237.2490, -1.1088, -17.7584
Hunter-Lab	93.6047, -17.0910, 7.7491

Details

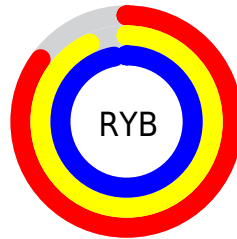
The CIELCh color **95, 12.785, 167.148** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 13.084, 349.348**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.098, 166.041** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.881, 166.125**, and if you desaturate by 10%, it is **97, 2.568, 168.216**.

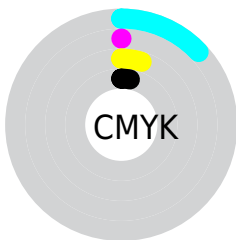
Distribution



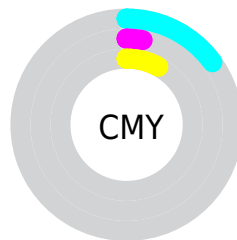
- Red (85%)
- Green (97%)
- Blue (92%)



- Red (85%)
- Yellow (93%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.785, 167.148 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, 12.785, 167.148 by changing the saturation by 10% instead.


 95, 12.785,
167.148


 95, 12.785,
167.148


 100, 12.785,
167.148


 85, 12.785,
167.148

 75, 12.785,
167.148

 65, 12.785,
167.148

 55, 12.785,
167.148

 45, 12.785,
167.148

 35, 12.785,
167.148

 25, 12.785,

167.148

■ 15, 12.785,
167.148

■ 5, 12.785, 167.148

■ 95, 12.785,
167.148

■ 95, 12.785,
167.148

■ 93, 22.881,
166.125

■ 97, 2.568, 168.216

■ 92, 32.702,
165.010

■ 98, 4.556, 324.533

■ 90, 42.085,
163.770

■ 89, 50.853,
162.378

■ 88, 58.841,
160.808

■ 88, 65.916,
159.037

■ 87, 72.010,
157.050

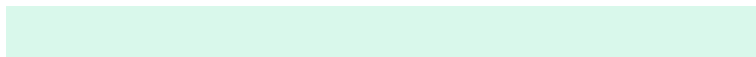
■ 87, 77.143,
154.851

■ 86, 80.494,
153.125

Harmonies

Complementary

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



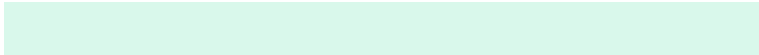
95, 12.785, 167.148



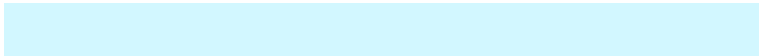
89, 13.084, 349.348

Rectangle

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



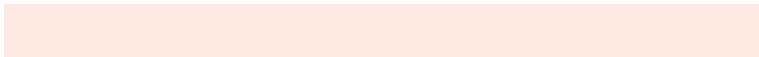
95, 12.785, 167.148



95, 12.785, 217.148



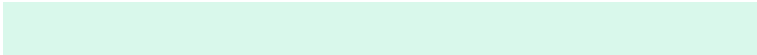
95, 12.785, 347.148



95, 12.785, 37.148

Sweetspot

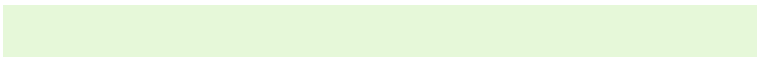
The Sweet Spot groups the original color and five complimentary colors.



95, 12.787, 167.144



99, 4.186, 168.010



95, 17.103, 130.829



53, 2.976, 167.924



0, 0.000, 0.000



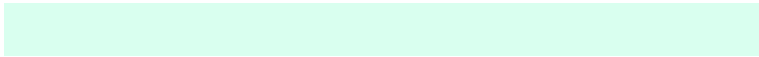
53, 0.007, 296.813

Same Dimension

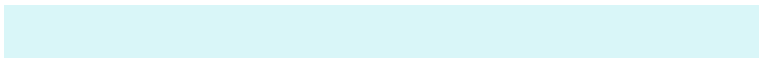
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 12.787, 167.144



97, 15.678, 166.895



95, 9.875, 205.036



51, 5.854, 167.440



68, 65.098, 153.544



22, 27.683, 156.925

Inverse Universe

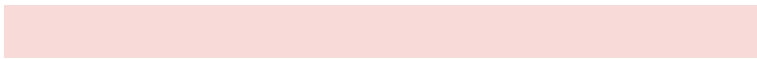
The Inverse Universe completely reimagines the original color for something new.



89, 13.084, 349.348



90, 16.114, 349.607



90, 10.725, 25.816



49, 5.960, 349.043



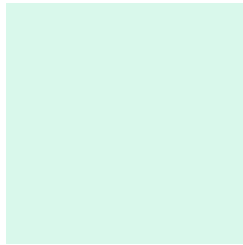
40, 67.448, 9.868



10, 30.540, 2.781

Previews

White Background



This preview shows how the CIE LCh color 95, 12.785, 167.148 looks on a white background.

Color Contrast Check

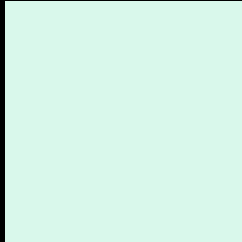
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 12.785, 167.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

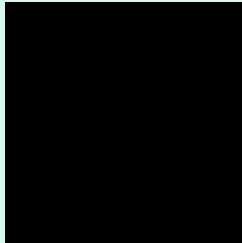
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

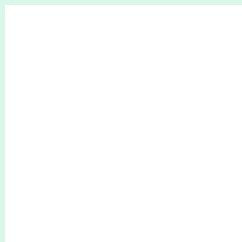
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.785, 167.148

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.785, 167.148.

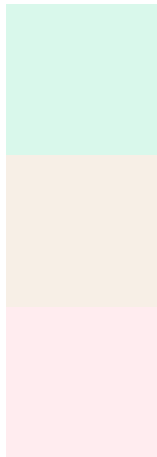


This preview shows how white text looks on a background with the CIELCh color 95, 12.785, 167.148.

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, 12.785, 167.148

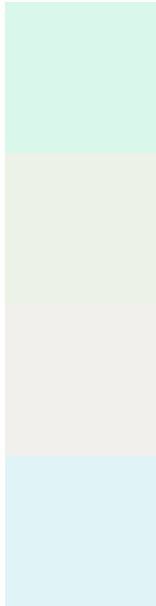
Protanopia
95, 5.417, 77.602

Deuteranopia
95, 6.980, 7.097



Tritanopia
95, 8.117, 254.824

Trichromacy



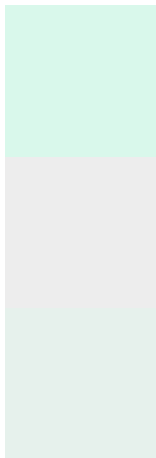
Original Color
95, 12.785, 167.148

Protanomaly
95, 5.568, 132.344

Deuteranomaly
95, 1.565, 96.901

Tritanomaly
95, 7.114, 215.900

Monochromacy



Original Color
95, 12.785, 167.148

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.674, 165.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.785, 167.148 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(217, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(217, 248, 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(217, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 248, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.785, 167.148 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(217, 248, 235) }
```

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

```
.border{ border-color:rgb(217, 248, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 248, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 248,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.785, 167.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 248, 235) }
```

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

```
.background{ background-color: rgb(217,  
248, 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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