

Converting Colors

CIELCh(95, 10.210, 191.697)

Have a look what the booklet for
CIELCh(95, 10.210, 191.697)
contains.

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Color

CIELCh(95, 10.426, 190.265)

Conversions

Conversions Part 1

Format	Color
Hex	D9F7F4
RGB	217, 247, 244
RGB Percent	85%, 97%, 96%
CMY	0.1499, 0.0322, 0.0440
CMYK	0.12, 0.00, 0.01, 0.03
HSL	174°, 65%, 91%
HSV	174°, 12%, 97%
XYZ	78.0355, 87.6183, 98.2070
YIQ	237.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

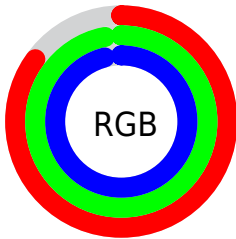
Format	Color
R_{YB}	217, 233, 247
Decimal	14284788
CIE _{Lab}	95.00, -10.26, -1.86
CIE _{LCh}	95, 10.426, 190.265
Yxy	87.6183, 0.2957, 0.3321
Android (android.graphics.Color)	4292474868 (0xFFD9F7F4)
YUV	237.6880, 3.1118, -18.1434
Hunter-Lab	93.6047, -14.9978, 3.3181

Details

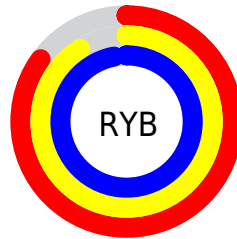
The CIELCh color **95, 10.426, 190.265** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 11.109, 12.139**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.525, 189.745** is the 20% darker color. If you saturate the color by 10%, you get **93, 18.556, 189.442**, and if you desaturate by 10%, it is **97, 1.881, 191.307**.

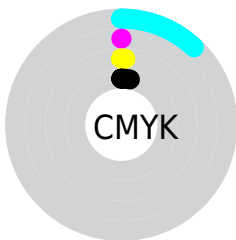
Distribution



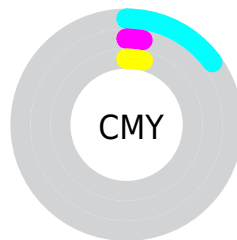
- Red (85%)
- Green (97%)
- Blue (96%)



- Red (85%)
- Yellow (91%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.426, 190.265 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, 10.426, 190.265 by changing the saturation by 10% instead.


 95, 10.426,
190.265


 95, 10.426,
190.265


 100, 10.426,
190.265


 85, 10.426,
190.265

 75, 10.426,
190.265

 65, 10.426,
190.265

 55, 10.426,
190.265

 45, 10.426,
190.265

 35, 10.426,
190.265

 25, 10.426,

190.265

■ 15, 10.426,
190.265

■ 5, 10.426, 190.265

■ 95, 10.426,
190.265

■ 95, 10.426,
190.265

■ 93, 18.556,
189.442

■ 97, 1.881, 191.307

■ 92, 26.124,
188.631

■ 98, 3.075, 0.674

■ 98, 3.685, 341.885

■ 91, 32.984,
187.805

■ 98, 4.570, 329.401

■ 90, 38.991,
186.952

■ 98, 5.119, 324.560

■ 89, 44.027,
186.060

■ 89, 48.013,
185.110

■ 88, 50.933,
184.085

■ 88, 52.848,
182.966

■ 88, 53.812,
182.029

Harmonies

Complementary

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



95, 10.426, 190.265



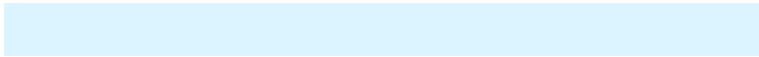
89, 11.109, 12.139

Rectangle

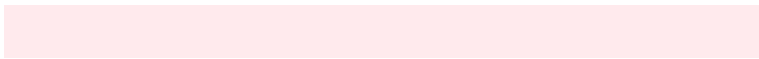
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



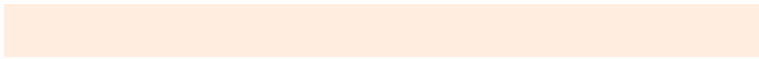
95, 10.426, 190.265



95, 10.426, 240.265



95, 10.426, 10.265



95, 10.426, 60.265

Sweetspot

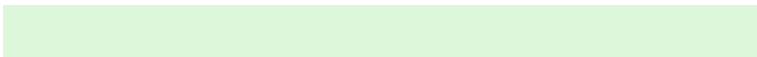
The Sweet Spot groups the original color and five complimentary colors.



95, 10.427, 190.256



99, 3.576, 191.010



95, 18.159, 140.623



53, 2.539, 190.923



0, 0.000, 0.000



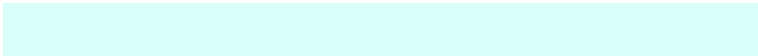
53, 0.007, 296.813

Same Dimension

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



95, 10.427, 190.256



97, 13.131, 190.020



92, 8.560, 243.272



50, 4.870, 190.481



68, 43.461, 182.253



21, 19.043, 183.969

Inverse Universe

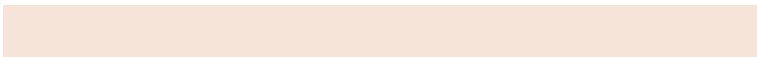
The Inverse Universe completely reimagines the original color for something new.



89, 11.109, 12.139



90, 14.211, 12.436



92, 9.029, 60.631



48, 5.114, 11.870



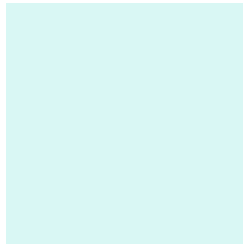
39, 78.300, 35.864



8, 30.438, 20.958

Previews

White Background



This preview shows how the CIE LCh color 95, 10.426, 190.265 looks on a white background.

Color Contrast Check

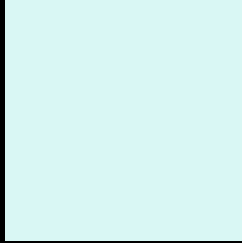
Large Text (above 18pt) WCAG AA × Fail

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, 10.426, 190.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

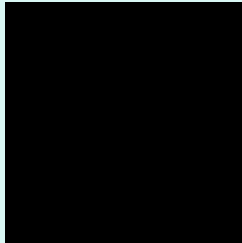
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

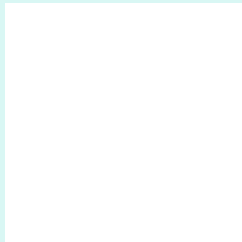
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.426, 190.265

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.426, 190.265.

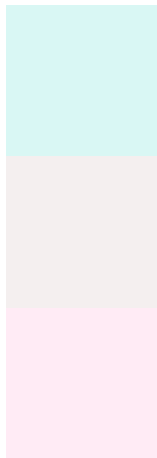


This preview shows how white text looks on a background with the CIELCh color 95, 10.426, 190.265.

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, 10.426, 190.265

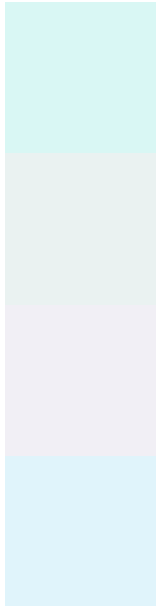
Protanopia
95, 1.775, 19.169

Deuteranopia
95, 8.787, 344.253



Tritanopia
95, 7.912, 250.551

Trichromacy



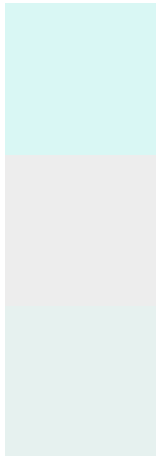
Original Color
95, 10.426, 190.265

Protanomaly
95, 2.855, 189.075

Deuteranomaly
95, 3.181, 303.158

Tritanomaly
95, 7.637, 227.252

Monochromacy



Original Color
95, 10.426, 190.265

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.000, 184.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.426, 190.265 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, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 247, 244)  
}
```

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, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 247, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.426, 190.265 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, 247, 244) }
```

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

```
.border{ border-color:rgb(217, 247, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 247, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 247,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.426, 190.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 247, 244) }
```

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

```
.background{ background-color: rgb(217,  
247, 244) }
```

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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