

Converting Colors

CIELCh(95, 13.167, 217.660)

Have a look what the booklet for
CIELCh(95, 13.167, 217.660)
contains.

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Color

CIELCh(95, 12.882, 217.402)

Conversions

Conversions Part 1

Format	Color
Hex	D2F7FF
RGB	210, 247, 255
RGB Percent	82%, 97%, 100%
CMY	0.1756, 0.0305, 0.0000
CMYK	0.18, 0.03, 0.00, 0.00
HSL	190°, 100%, 91%
HSV	190°, 18%, 100%
XYZ	78.0484, 87.6183, 107.5879
YIQ	236.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

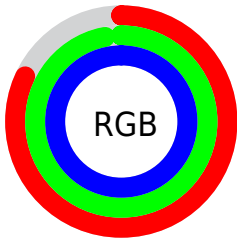
Format	Color
R _Y B	210, 230, 255
Decimal	13826047
CIE Lab	95.00, -10.23, -7.82
CIE LCh	95, 12.882, 217.402
Yxy	87.6183, 0.2856, 0.3206
Android (android.graphics.Color)	4292016127 (0xFFD2F7FF)
YUV	236.8490, 8.9484, -23.5466
Hunter-Lab	93.6047, -14.9732, -2.6238

Details

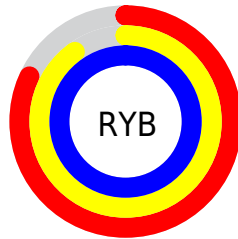
The CIELCh color `95, 12.882, 217.402` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 14.460, 36.394`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 12.872, 215.699` is the 20% darker color. If you saturate the color by 10%, you get `92, 19.504, 217.320`, and if you desaturate by 10%, it is `98, 5.693, 216.704`.

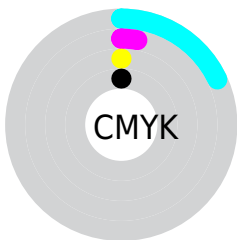
Distribution



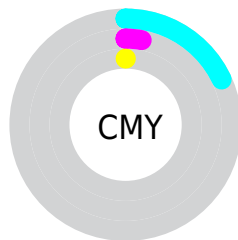
- Red (82%)
- Green (97%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 12.882, 217.402 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, 12.882, 217.402 by changing the saturation by 10% instead.

95, 12.882,
217.402

95, 12.882,
217.402

100, 12.882,
217.402

85, 12.882,
217.402

75, 12.882,
217.402

65, 12.882,
217.402

55, 12.882,
217.402

45, 12.882,
217.402

35, 12.882,
217.402

25, 12.882,

217.402

■ 15, 12.882,
217.402

■ 5, 12.882, 217.402

■ 95, 12.882,
217.402

■ 95, 12.882,
217.402

■ 92, 19.504,
217.320

■ 98, 5.693, 216.704

■ 90, 25.518,
217.952

100, 0.012,
296.813

■ 88, 30.777,
218.851

■ 85, 35.172,
220.079

■ 83, 38.621,
221.710

■ 82, 41.100,
223.821

■ 80, 42.656,
226.485

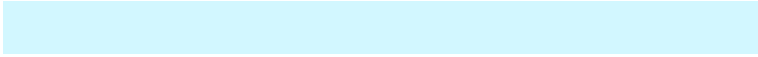
■ 79, 43.449,
229.735

■ 78, 43.596,
230.575

Harmonies

Complementary

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



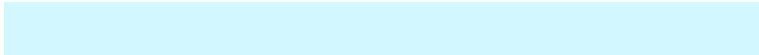
95, 12.882, 217.402



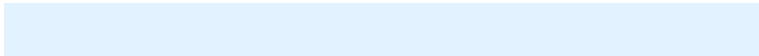
90, 14.460, 36.394

Rectangle

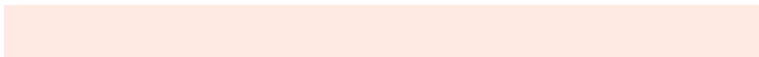
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



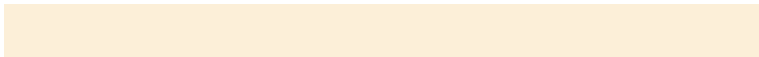
95, 12.882, 217.402



95, 12.882, 267.402



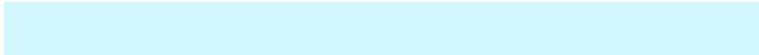
95, 12.882, 37.402



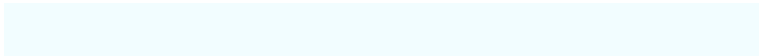
95, 12.882, 87.402

Sweetspot

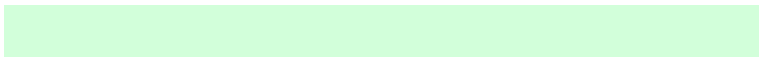
The Sweet Spot groups the original color and five complimentary colors.



95, 12.855, 216.907



99, 3.787, 216.716



96, 24.963, 148.201



52, 2.579, 216.706



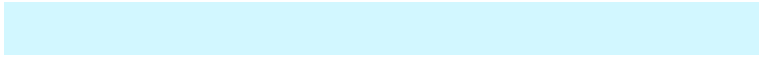
0, 0.000, 0.000



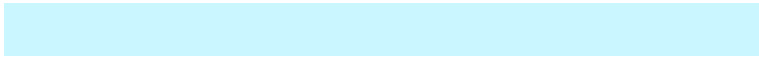
53, 0.007, 296.813

Same Dimension

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



95, 12.855, 216.907



94, 15.203, 217.026



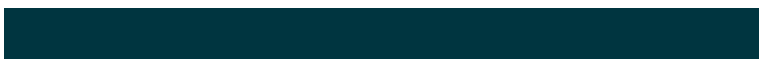
89, 16.190, 273.617



52, 4.258, 216.722



60, 35.096, 229.913



20, 16.143, 225.355

Inverse Universe

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



89, 24.913, 330.706



87, 29.813, 330.929



95, 16.248, 88.875



50, 8.031, 330.184



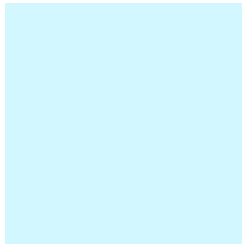
44, 81.270, 336.623



12, 37.990, 335.440

Previews

White Background



This preview shows how the CIE LCh color 95, 12.882, 217.402 looks on a white background.

Color Contrast Check

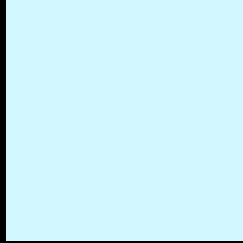
Large Text (above 18pt) WCAG AA × Fail

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, 12.882, 217.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

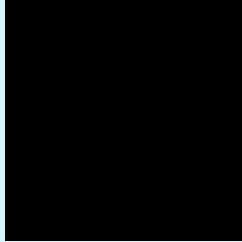
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

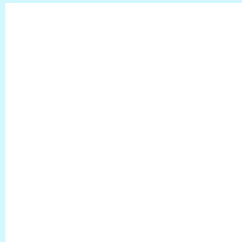
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.882, 217.402

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.882, 217.402.

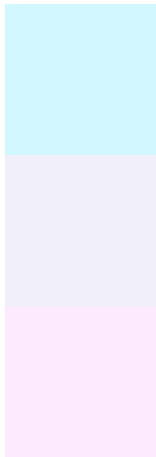


This preview shows how white text looks on a background with the CIELCh color 95, 12.882, 217.402.

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](#).

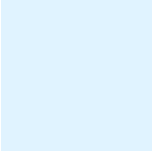
Dichromacy



Original Color
95, 12.882, 217.402

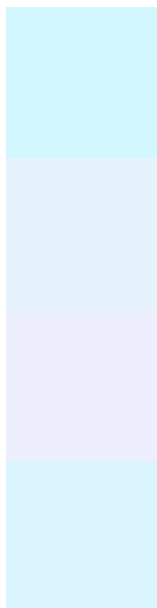
Protanopia
95, 5.714, 297.606

Deuteranopia
95, 12.731, 322.231



Tritanopia
95, 8.804, 243.748

Trichromacy



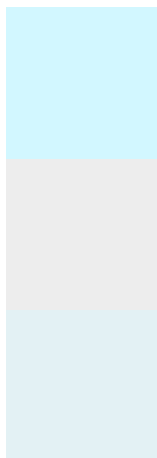
Original Color
95, 12.882, 217.402

Protanomaly
95, 6.515, 251.496

Deuteranomaly
95, 8.249, 286.057

Tritanomaly
95, 10.034, 229.868

Monochromacy



Original Color
95, 12.882, 217.402

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.059, 217.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.882, 217.402 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(210, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 247, 255)  
}
```

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(210, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 247, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.882, 217.402 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(210, 247, 255) }
```

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

```
.border{ border-color:rgb(210, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 247,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.882, 217.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 247, 255) }
```

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

```
.background{ background-color: rgb(210,  
247, 255) }
```

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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