

Converting Colors

CIELCh(95, 11.705, 220.603)

Have a look what the booklet for
CIELCh(95, 11.705, 220.603)
contains.

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Color

CIELCh(95, 11.550, 222.521)

Conversions

Conversions Part 1

Format	Color
Hex	D6F6FF
RGB	214, 246, 255
RGB Percent	84%, 96%, 100%
CMY	0.1599, 0.0344, 0.0000
CMYK	0.16, 0.03, 0.00, 0.00
HSL	193°, 100%, 92%
HSV	193°, 16%, 100%
XYZ	78.9121, 87.6183, 107.5581
YIQ	237.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

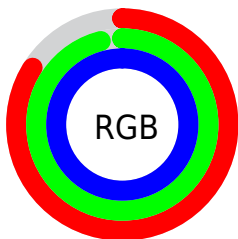
Format	Color
R_{YB}	214, 232, 255
Decimal	14087935
CIE _{Lab}	95.00, -8.51, -7.81
CIE _{LCh}	95, 11.550, 222.521
Yxy	87.6183, 0.2879, 0.3197
Android (android.graphics.Color)	4292278015 (0xFFD6F6FF)
YUV	237.4580, 8.6482, -20.5727
Hunter-Lab	93.6047, -13.3263, -2.6050

Details

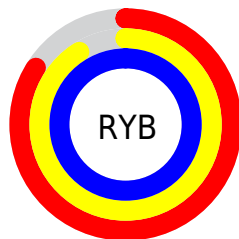
The CIELCh color `95, 11.550, 222.521` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 12.760, 40.802`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 11.481, 220.880` is the 20% darker color. If you saturate the color by 10%, you get `92, 18.133, 222.566`, and if you desaturate by 10%, it is `98, 4.425, 221.568`.

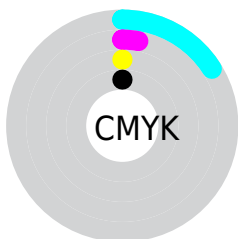
Distribution



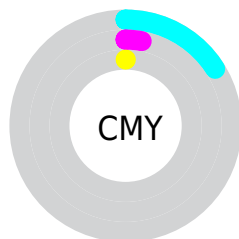
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.550, 222.521 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, 11.550, 222.521 by changing the saturation by 10% instead.


 95, 11.550,
222.521


 95, 11.550,
222.521


 100, 11.550,
222.521


 85, 11.550,
222.521

 75, 11.550,
222.521

 65, 11.550,
222.521

 55, 11.550,
222.521

 45, 11.550,
222.521

 35, 11.550,
222.521

 25, 11.550,

222.521

■ 15, 11.550,
222.521

■ 5, 11.550, 222.521

■ 95, 11.550,
222.521

■ 95, 11.550,
222.521

■ 92, 18.133,
222.566

■ 98, 4.425, 221.568

■ 89, 24.184,
223.448

100, 0.012,
296.813

■ 87, 29.551,
224.639

■ 84, 34.132,
226.213

■ 82, 37.851,
228.258

■ 80, 40.686,
230.863

■ 78, 42.690,
234.110

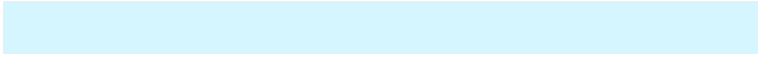
■ 76, 44.015,
238.033

■ 75, 44.460,
239.727

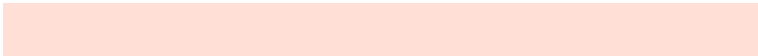
Harmonies

Complementary

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



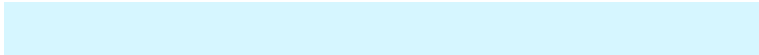
95, 11.550, 222.521



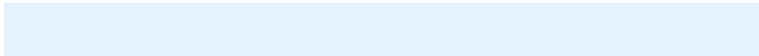
91, 12.760, 40.802

Rectangle

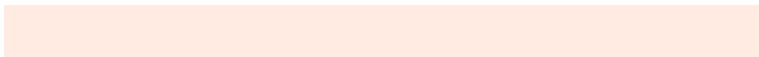
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



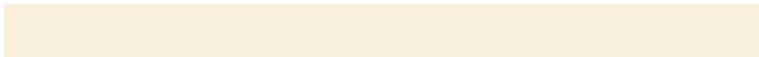
95, 11.550, 222.521



95, 11.550, 272.521



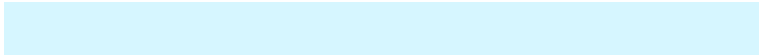
95, 11.550, 42.521



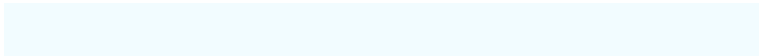
95, 11.550, 92.521

Sweetspot

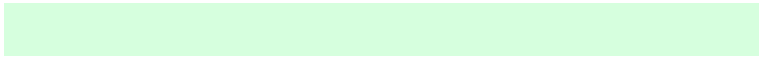
The Sweet Spot groups the original color and five complimentary colors.



95, 11.510, 221.938



98, 3.703, 221.560



96, 22.168, 149.439



52, 2.522, 221.565



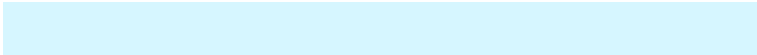
0, 0.000, 0.000



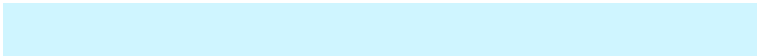
53, 0.007, 296.813

Same Dimension

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



95, 11.510, 221.938



94, 13.558, 222.103



90, 15.290, 275.898



52, 4.165, 221.658



58, 35.714, 238.920



19, 16.208, 233.282

Inverse Universe

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



90, 22.016, 332.068



88, 26.194, 332.273



96, 15.245, 91.692



50, 7.800, 331.631



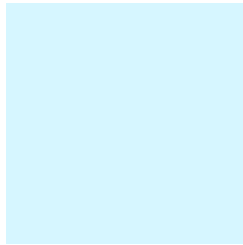
43, 78.806, 339.112



11, 36.957, 337.526

Previews

White Background



This preview shows how the CIE LCh color 95, 11.550, 222.521 looks on a white background.

Color Contrast Check

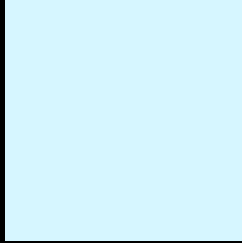
Large Text (above 18pt) WCAG AA × Fail

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, 11.550, 222.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

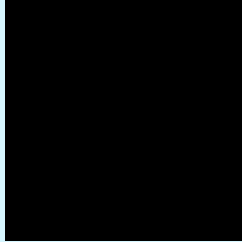
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

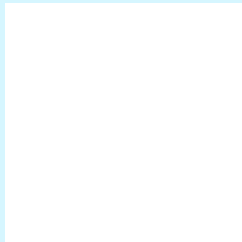
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.550, 222.521

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.550, 222.521.

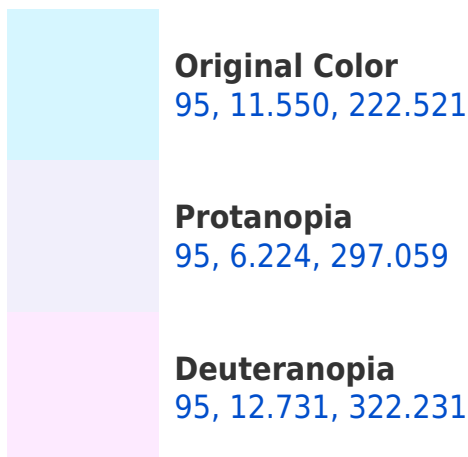


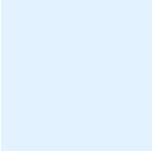
This preview shows how white text looks on a background with the CIELCh color 95, 11.550, 222.521.

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





Tritanopia
95, 8.345, 246.963

Trichromacy



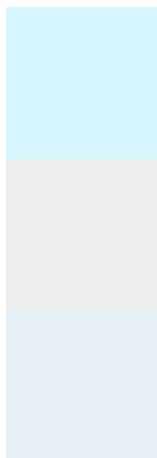
Original Color
95, 11.550, 222.521

Protanomaly
95, 6.313, 253.927

Deuteranomaly
95, 8.763, 293.109

Tritanomaly
95, 9.224, 236.971

Monochromacy



Original Color
95, 11.550, 222.521

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.414, 219.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.550, 222.521 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(214, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 246, 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(214, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.550, 222.521 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(214, 246, 255) }
```

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

```
.border{ border-color:rgb(214, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.550, 222.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 246, 255) }
```

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

```
.background{ background-color: rgb(214,  
246, 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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