

Converting Colors

CIELCh(95, 11.633, 219.314)

Have a look what the booklet for
CIELCh(95, 11.633, 219.314)
contains.

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Color

CIELCh(95, 11.387, 220.062)

Conversions

Conversions Part 1

Format	Color
Hex	D6F6FE
RGB	214, 246, 254
RGB Percent	84%, 96%, 100%
CMY	0.1596, 0.0341, 0.0027
CMYK	0.16, 0.03, 0.00, 0.00
HSL	192°, 97%, 92%
HSV	192°, 16%, 100%
XYZ	78.8102, 87.6183, 106.7867
YIQ	237.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

Format	Color
R _Y B	214, 232, 254
Decimal	14087934
CIE Lab	95.00, -8.72, -7.33
CIE LCh	95, 11.387, 220.062
Yxy	87.6183, 0.2885, 0.3207
Android (android.graphics.Color)	4292278014 (0xFFD6F6FE)
YUV	237.3440, 8.2114, -20.4727
Hunter-Lab	93.6047, -13.5206, -2.1164

Details

The CIELCh color `95, 11.387, 220.062` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 12.618, 39.167`, 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, 11.330, 218.242` is the 20% darker color. If you saturate the color by 10%, you get `92, 18.044, 220.584`, and if you desaturate by 10%, it is `98, 4.260, 219.770`.

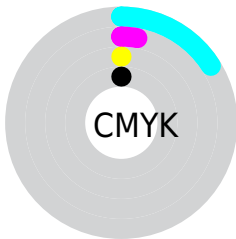
Distribution



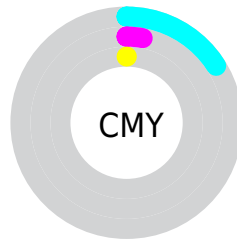
- Red (84%)
- Green (96%)
- Blue (100%)



- 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, 11.387, 220.062 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, 11.387, 220.062 by changing the saturation by 10% instead.


 95, 11.387,
220.062


 95, 11.387,
220.062


 100, 11.387,
220.062


 85, 11.387,
220.062

 75, 11.387,
220.062

 65, 11.387,
220.062

 55, 11.387,
220.062

 45, 11.387,
220.062

 35, 11.387,
220.062

 25, 11.387,

220.062

■ 15, 11.387,
220.062

■ 5, 11.387, 220.062

■ 95, 11.387,
220.062

■ 95, 11.387,
220.062

■ 92, 18.044,
220.584

■ 98, 4.260, 219.770

■ 89, 24.116,
221.354

100, 0.336,
109.923

■ 87, 29.490,
222.414

■ 85, 34.056,
223.833

■ 82, 37.737,
225.691

■ 80, 40.501,
228.077

■ 78, 42.392,
231.070

■ 77, 43.552,
234.715

■ 76, 43.934,
236.406

Harmonies

Complementary

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



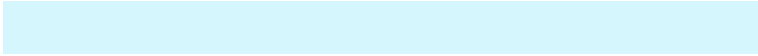
95, 11.387, 220.062



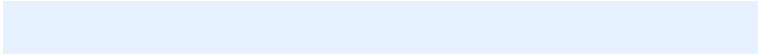
91, 12.618, 39.167

Rectangle

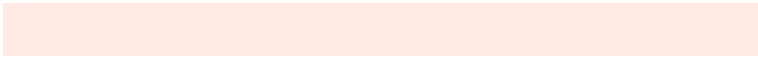
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



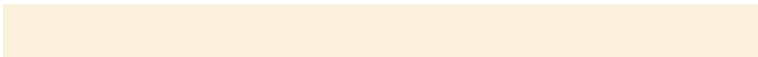
95, 11.387, 220.062



95, 11.387, 270.062



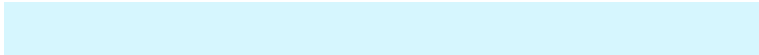
95, 11.387, 40.062



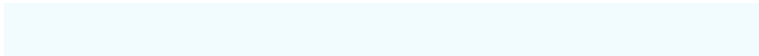
95, 11.387, 90.062

Sweetspot

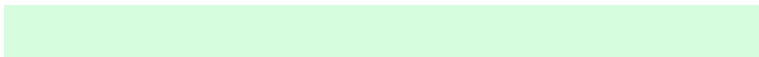
The Sweet Spot groups the original color and five complimentary colors.



95, 11.387, 220.052



98, 3.731, 219.770



96, 22.028, 148.896



52, 2.541, 219.770



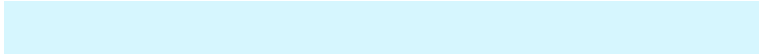
0, 0.000, 0.000



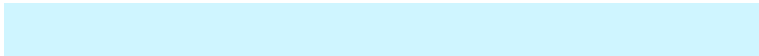
53, 0.007, 296.813

Same Dimension

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



95, 11.387, 220.052



94, 13.650, 220.202



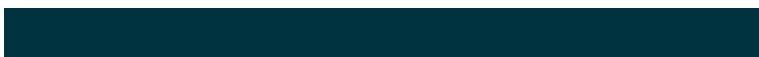
90, 14.725, 274.616



52, 4.195, 219.835



59, 35.395, 235.654



19, 16.152, 230.386

Inverse Universe

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



90, 21.842, 331.507



88, 26.471, 331.725



96, 14.724, 90.440



50, 7.883, 331.094



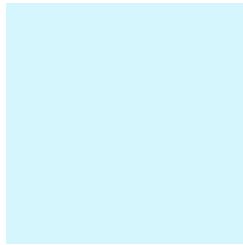
43, 79.684, 338.181



11, 37.327, 336.748

Previews

White Background



This preview shows how the CIE LCh color 95, 11.387, 220.062 looks on a white background.

Color Contrast Check

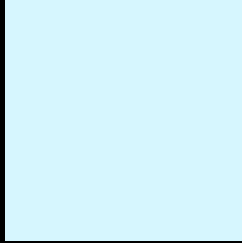
Large Text (above 18pt) WCAG AA × Fail

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, 11.387, 220.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

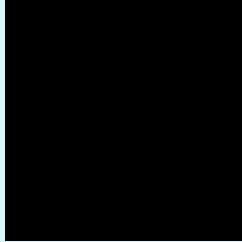
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 11.387, 220.062

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.387, 220.062.

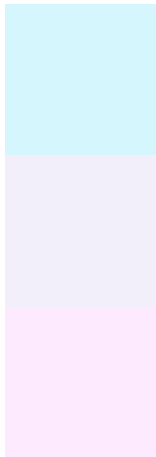


This preview shows how white text looks on a background with the CIELCh color 95, 11.387, 220.062.

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](#).

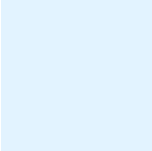
Dichromacy



Original Color
95, 11.387, 220.062

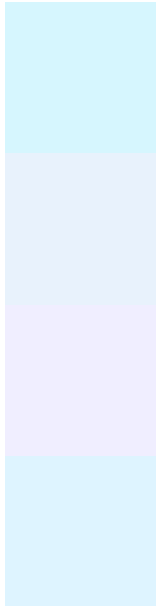
Protanopia
95, 5.771, 301.032

Deuteranopia
95, 12.916, 323.570



Tritanopia
95, 8.345, 246.963

Trichromacy



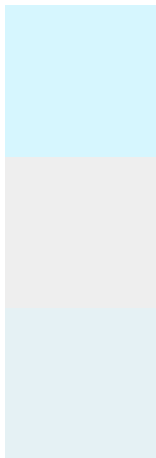
Original Color
95, 11.387, 220.062

Protanomaly
95, 6.123, 256.518

Deuteranomaly
95, 8.788, 295.348

Tritanomaly
95, 9.224, 236.971

Monochromacy



Original Color
95, 11.387, 220.062

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, 11.387, 220.062 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 246, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 246, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.387, 220.062 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, 254) }
```

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

```
.border{ border-color:rgb(214, 246, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 246,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.387, 220.062 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, 254) }
```

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

```
.background{ background-color: rgb(214,  
246, 254) }
```

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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