

Converting Colors

CIELCh(95, 10.697, 226.333)

Have a look what the booklet for
CIELCh(95, 10.697, 226.333)
contains.

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Color

CIELCh(95, 10.671, 224.654)

Conversions

Conversions Part 1

Format	Color
Hex	D9F6FF
RGB	217, 246, 255
RGB Percent	85%, 96%, 100%
CMY	0.1502, 0.0365, 0.0013
CMYK	0.15, 0.04, 0.00, 0.00
HSL	194°, 98%, 92%
HSV	194°, 15%, 100%
XYZ	79.3773, 87.6183, 107.0626
YIQ	238.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

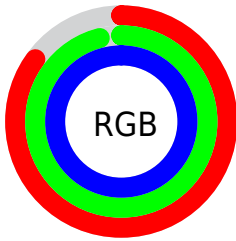
Format	Color
R_{YB}	217, 233, 255
Decimal	14284543
CIE _{Lab}	95.00, -7.59, -7.50
CIE _{LCh}	95, 10.671, 224.654
Yxy	87.6183, 0.2896, 0.3197
Android (android.graphics.Color)	4292474623 (0xFFD9F6FF)
YUV	238.3550, 8.2060, -18.7283
Hunter-Lab	93.6047, -12.4391, -2.2911

Details

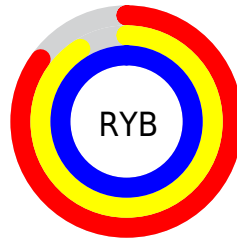
The CIELCh color `95, 10.671, 224.654` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 11.716, 43.252`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 10.569, 222.970` is the 20% darker color. If you saturate the color by 10%, you get `92, 17.305, 225.374`, and if you desaturate by 10%, it is `98, 3.606, 224.205`.

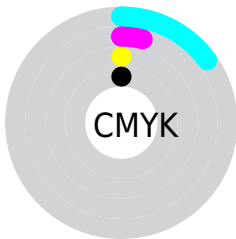
Distribution



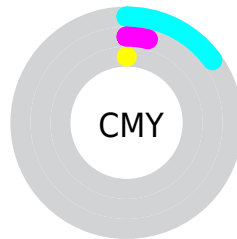
- Red (85%)
- Green (96%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.671, 224.654 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, 10.671, 224.654 by changing the saturation by 10% instead.


 95, 10.671,
224.654


 95, 10.671,
224.654


 100, 10.671,
224.654


 85, 10.671,
224.654

 75, 10.671,
224.654

 65, 10.671,
224.654

 55, 10.671,
224.654

 45, 10.671,
224.654

 35, 10.671,
224.654

 25, 10.671,

224.654

■ 15, 10.671,
224.654

■ 5, 10.671, 224.654

■ 95, 10.671,
224.654

■ 95, 10.671,
224.654

■ 92, 17.305,
225.374

■ 98, 3.606, 224.205

■ 89, 23.405,
226.374

100, 0.152,
109.659

■ 86, 28.864,
227.700

■ 83, 33.585,
229.431

■ 81, 37.496,
231.658

■ 79, 40.576,
234.475

■ 76, 42.879,
237.962

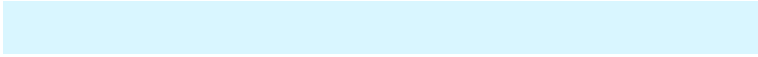
■ 74, 44.556,
242.148

■ 74, 45.293,
244.458

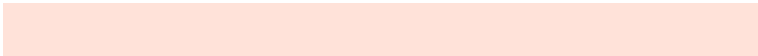
Harmonies

Complementary

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



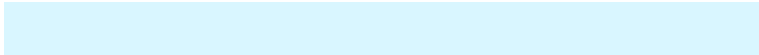
95, 10.671, 224.654



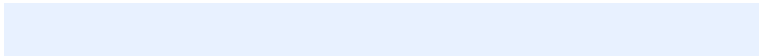
92, 11.716, 43.252

Rectangle

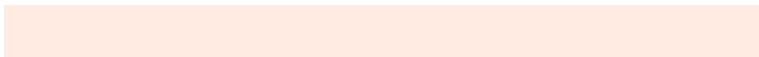
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.671, 224.654



95, 10.671, 274.654



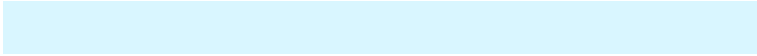
95, 10.671, 44.654



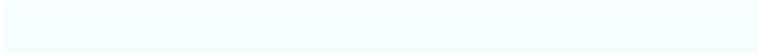
95, 10.671, 94.654

Sweetspot

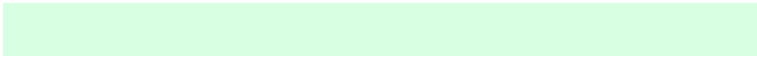
The Sweet Spot groups the original color and five complimentary colors.



95, 10.671, 224.643



99, 2.943, 224.203



97, 20.155, 150.693



52, 2.088, 224.204



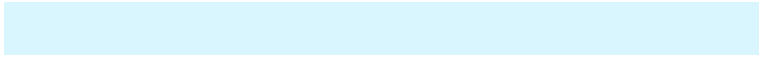
0, 0.000, 0.000



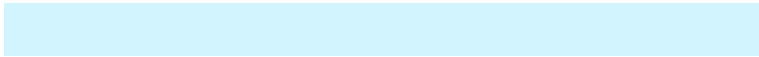
53, 0.007, 296.813

Same Dimension

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



95, 10.671, 224.643



94, 12.780, 224.842



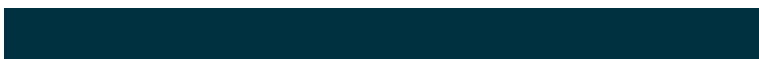
90, 14.790, 278.087



52, 4.128, 224.354



56, 36.369, 243.594



18, 16.359, 237.478

Inverse Universe

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



90, 20.196, 332.807



89, 24.429, 333.021



97, 14.673, 94.268



50, 7.679, 332.433



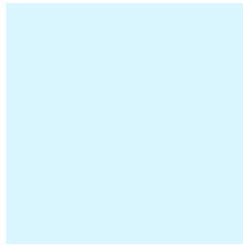
43, 77.572, 340.516



11, 36.432, 338.696

Previews

White Background



This preview shows how the CIE LCh color 95, 10.671, 224.654 looks on a white background.

Color Contrast Check

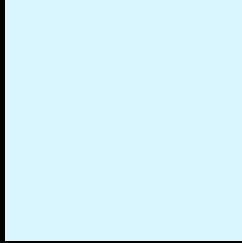
Large Text (above 18pt) WCAG AA × Fail

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, 10.671, 224.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

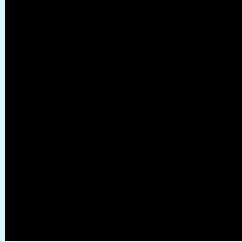
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 10.671, 224.654

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.671, 224.654.

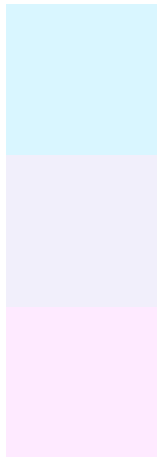


This preview shows how white text looks on a background with the CIELCh color 95, 10.671, 224.654.

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, 10.671, 224.654

Protanopia

95, 6.224, 297.059

Deuteranopia

95, 12.916, 323.570



Tritanopia
95, 8.125, 248.708

Trichromacy



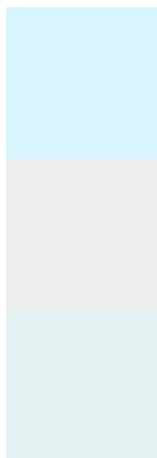
Original Color
95, 10.671, 224.654

Protanomaly
95, 6.392, 261.748

Deuteranomaly
95, 8.788, 295.348

Tritanomaly
95, 8.967, 238.274

Monochromacy



Original Color
95, 10.671, 224.654

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.095, 221.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.671, 224.654 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, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.671, 224.654 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, 246, 255) }
```

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

```
.border{ border-color:rgb(217, 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(217, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.671, 224.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 255) }
```

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

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