

Converting Colors

CIELCh(94, 10.353, 247.793)

Have a look what the booklet for
CIELCh(94, 10.353, 247.793)
contains.

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Color

CIELCh(94, 9.972, 245.560)

Conversions

Conversions Part 1

Format	Color
Hex	DCF1FF
RGB	220, 241, 255
RGB Percent	86%, 95%, 100%
CMY	0.1376, 0.0552, 0.0004
CMYK	0.14, 0.05, 0.00, 0.00
HSL	204°, 99%, 93%
HSV	204°, 14%, 100%
XYZ	78.9506, 85.2715, 106.8278
YIQ	236.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

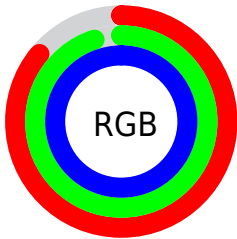
Format	Color
R_{YB}	220, 233, 255
Decimal	14479871
CIE _{Lab}	94.00, -4.13, -9.08
CIE _{LCh}	94, 9.972, 245.560
Yxy	85.2715, 0.2913, 0.3146
Android (android.graphics.Color)	4292669951 (0xFFDCFF)
YUV	236.3170, 9.2107, -14.3100
Hunter-Lab	92.3426, -8.9865, -3.9506

Details

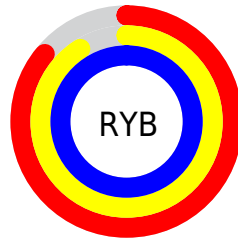
The CIELCh color `94, 9.972, 245.560` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 10.562, 62.429`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.792, 245.159` is the 20% darker color. If you saturate the color by 10%, you get `90, 16.963, 247.008`, and if you desaturate by 10%, it is `98, 2.749, 244.472`.

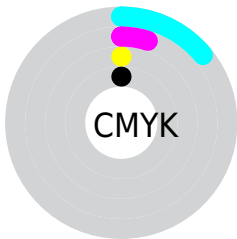
Distribution



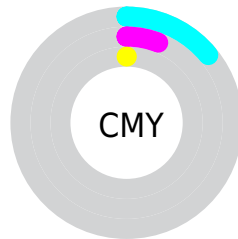
- Red (86%)
- Green (95%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.972, 245.560 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 94, 9.972, 245.560 by changing the saturation by 10% instead.

■ 94, 9.972, 245.560

■ 94, 9.972, 245.560

■ 100, 9.972,
245.560

■ 84, 9.972, 245.560

■ 74, 9.972, 245.560

■ 64, 9.972, 245.560

■ 54, 9.972, 245.560

■ 44, 9.972, 245.560

■ 34, 9.972, 245.560

■ 24, 9.972, 245.560

■ 14, 9.972, 245.560

■ 4, 9.972, 245.560

■ 94, 9.972, 245.560

■ 94, 9.972, 245.560

■ 90, 16.963,
247.008

■ 98, 2.749, 244.472

■ 86, 23.666,
248.809

100, 0.034,
107.933

■ 81, 30.026,
251.017

■ 78, 36.002,
253.710

■ 74, 41.586,
256.962

■ 70, 46.816,
260.822

■ 67, 51.797,
265.281

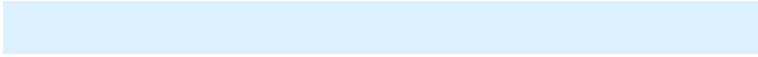
■ 64, 56.699,
270.230

■ 62, 59.844,
273.413

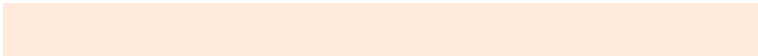
Harmonies

Complementary

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



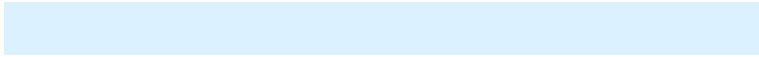
94, 9.972, 245.560



94, 10.562, 62.429

Rectangle

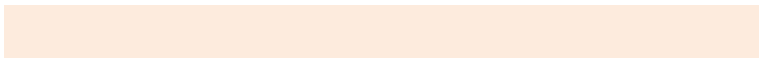
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.972, 245.560



94, 9.972, 295.560



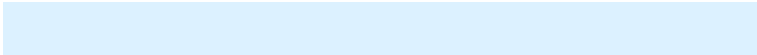
94, 9.972, 65.560



94, 9.972, 115.560

Sweetspot

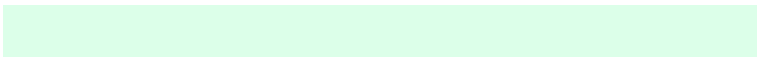
The Sweet Spot groups the original color and five complimentary colors.



94, 9.971, 245.548



98, 2.947, 244.488



97, 16.596, 156.812



52, 2.092, 244.544



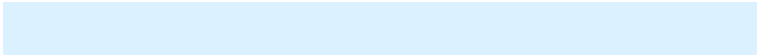
0, 0.000, 0.000



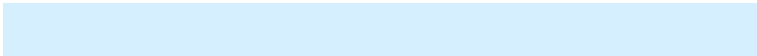
53, 0.007, 296.813

Same Dimension

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



94, 9.971, 245.548



93, 11.584, 245.852



90, 16.120, 286.602



51, 4.155, 245.028



47, 47.539, 272.465



14, 19.896, 265.275

Inverse Universe

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



91, 16.570, 339.667



90, 19.350, 339.860



98, 15.748, 103.503



50, 6.838, 339.315



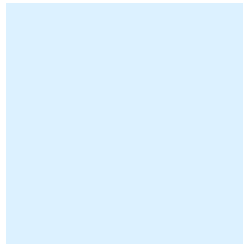
42, 70.362, 352.970



11, 33.152, 348.949

Previews

White Background



This preview shows how the CIELCh color 94, 9.972, 245.560 looks on a white background.

Color Contrast Check

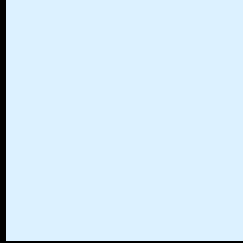
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 9.972, 245.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

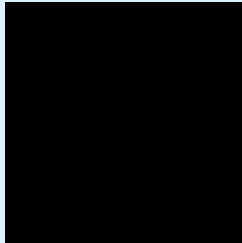
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

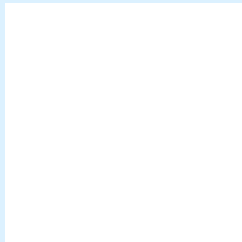
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.972, 245.560

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.972, 245.560.



This preview shows how white text looks on a background with the CIELCh color 94, 9.972, 245.560.

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

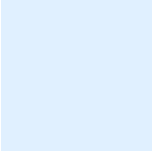
94, 9.972, 245.560

Protanopia

94, 8.263, 293.218

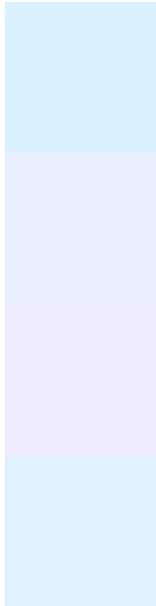
Deuteranopia

94, 14.093, 318.961



Tritanopia
94, 9.327, 255.313

Trichromacy



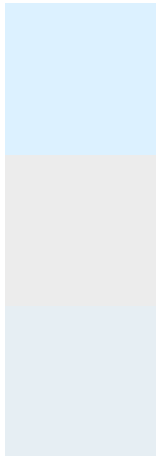
Original Color
94, 9.972, 245.560

Protanomaly
94, 8.045, 273.482

Deuteranomaly
94, 10.428, 298.551

Tritanomaly
94, 9.516, 253.652

Monochromacy



Original Color
94, 9.972, 245.560

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.762, 242.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.972, 245.560 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(220, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 241, 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(220, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 241, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.972, 245.560 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(220, 241, 255) }
```

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

```
.border{ border-color:rgb(220, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 241,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.972, 245.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 241, 255) }
```

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

```
.background{ background-color: rgb(220,  
241, 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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