

Converting Colors

CIELCh(94, 10.523, 233.312)

Have a look what the booklet for
CIELCh(94, 10.523, 233.312)
contains.

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Color

CIELCh(94, 10.566, 234.897)

Conversions

Conversions Part 1

Format	Color
Hex	D8F2FE
RGB	216, 242, 254
RGB Percent	85%, 95%, 100%
CMY	0.1529, 0.0509, 0.0039
CMYK	0.15, 0.05, 0.00, 0.00
HSL	199°, 95%, 92%
HSV	199°, 15%, 100%
XYZ	77.9720, 85.2715, 106.1291
YIQ	235.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

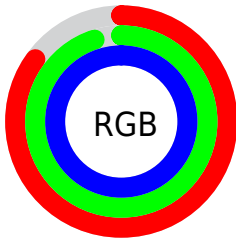
Format	Color
R _Y B	216, 231, 254
Decimal	14217982
CIE Lab	94.00, -6.08, -8.64
CIE LCh	94, 10.566, 234.897
Yxy	85.2715, 0.2895, 0.3166
Android (android.graphics.Color)	4292408062 (0xFFD8F2FE)
YUV	235.5940, 9.0742, -17.1839
Hunter-Lab	92.3426, -10.8782, -3.5020

Details

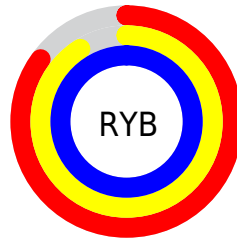
The CIELCh color `94, 10.566, 234.897` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 11.465, 52.393`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.421, 233.867` is the 20% darker color. If you saturate the color by 10%, you get `90, 17.209, 236.047`, and if you desaturate by 10%, it is `98, 3.577, 234.059`.

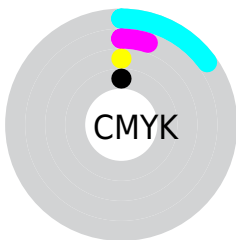
Distribution



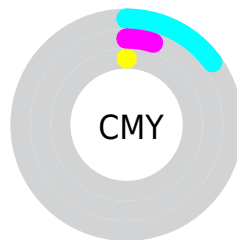
- Red (85%)
- Green (95%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.566, 234.897 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, 10.566, 234.897 by changing the saturation by 10% instead.


 94, 10.566,
234.897


 94, 10.566,
234.897


 100, 10.566,
234.897


 84, 10.566,
234.897


 74, 10.566,
234.897

 64, 10.566,
234.897

 54, 10.566,
234.897

 44, 10.566,
234.897

 34, 10.566,
234.897

 24, 10.566,

234.897

■ 14, 10.566,
234.897

■ 4, 10.566, 234.897

■ 94, 10.566,
234.897

■ 94, 10.566,
234.897

■ 90, 17.209,
236.047

■ 98, 3.577, 234.059

■ 87, 23.423,
237.532

100, 0.487,
109.983

■ 83, 29.128,
239.410

■ 80, 34.253,
241.768

■ 77, 38.759,
244.699

■ 74, 42.661,
248.285

■ 71, 46.051,
252.566

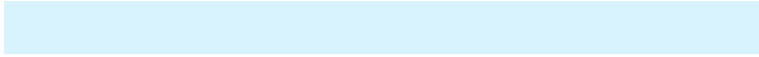
■ 69, 49.105,
257.490

■ 68, 50.630,
260.089

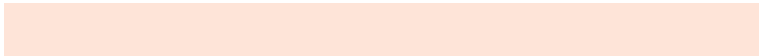
Harmonies

Complementary

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



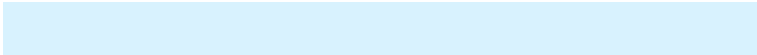
94, 10.566, 234.897



92, 11.465, 52.393

Rectangle

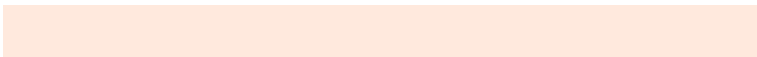
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 10.566, 234.897



94, 10.566, 284.897



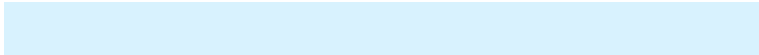
94, 10.566, 54.897



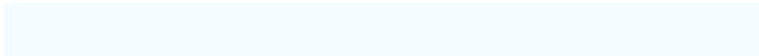
94, 10.566, 104.897

Sweetspot

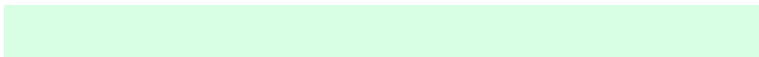
The Sweet Spot groups the original color and five complimentary colors.



94, 10.566, 234.886



98, 2.899, 234.020



96, 19.199, 153.203



52, 2.057, 234.049



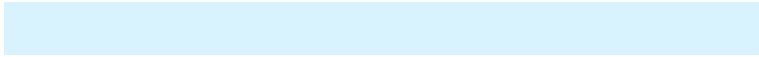
0, 0.000, 0.000



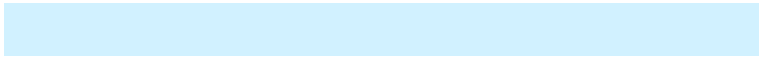
53, 0.007, 296.813

Same Dimension

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



94, 10.566, 234.886



93, 12.665, 235.208



89, 15.979, 282.303



51, 4.075, 234.379



52, 40.520, 259.124



16, 17.570, 251.982

Inverse Universe

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



90, 19.115, 335.972



89, 23.111, 336.205



97, 15.714, 98.666



50, 7.258, 335.559



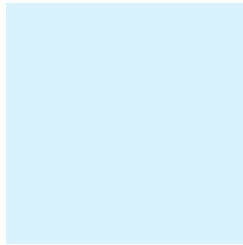
42, 73.590, 346.116



11, 34.689, 343.323

Previews

White Background



This preview shows how the CIE LCh color 94, 10.566, 234.897 looks on a white background.

Color Contrast Check

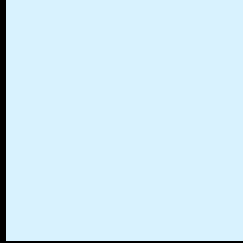
Large Text (above 18pt) WCAG AA × Fail

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 94, 10.566, 234.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

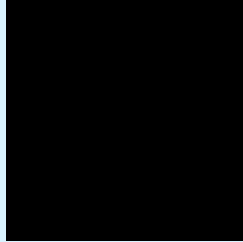
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

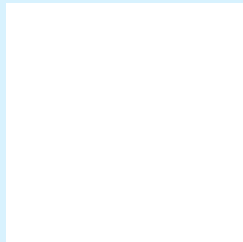
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.566, 234.897

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.566, 234.897.



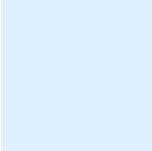
This preview shows how white text looks on a background with the CIELCh color 94, 10.566, 234.897.

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
94, 9.712, 252.060

Trichromacy



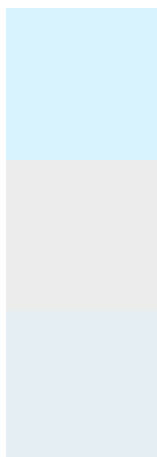
Original Color
94, 10.566, 234.897

Protanomaly
94, 7.189, 268.286

Deuteranomaly
94, 10.384, 296.672

Tritanomaly
94, 9.972, 245.560

Monochromacy



Original Color
94, 10.566, 234.897

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 4.019, 239.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.566, 234.897 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(216, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 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(216, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.566, 234.897 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(216, 242, 254) }
```

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

```
.border{ border-color:rgb(216, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(216, 242,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.566, 234.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 254) }
```

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

```
.background{ background-color: rgb(216,  
242, 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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