

Converting Colors

CIE LCh(94, 9.308, 219.036)

Have a look what the booklet for
CIELCh(94, 9.308, 219.036) contains.

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Color

CIELCh(94, 9.442, 221.457)

Conversions

Conversions Part 1

Format	Color
Hex	D8F2F9
RGB	216, 242, 249
RGB Percent	85%, 95%, 98%
CMY	0.1514, 0.0494, 0.0219
CMYK	0.13, 0.03, 0.00, 0.02
HSL	193°, 75%, 91%
HSV	193°, 13%, 98%
XYZ	77.4731, 85.2715, 102.3329
YIQ	235.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

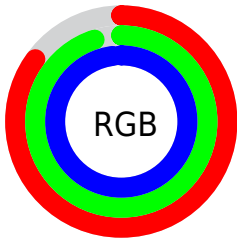
Format	Color
R _Y B	216, 231, 249
Decimal	14217977
CIE Lab	94.00, -7.08, -6.25
CIE LCh	94, 9.442, 221.457
Yxy	85.2715, 0.2923, 0.3217
Android (android.graphics.Color)	4292408057 (0xFFD8F2F9)
YUV	235.0240, 6.8902, -16.6840
Hunter-Lab	92.3426, -11.8426, -1.0646

Details

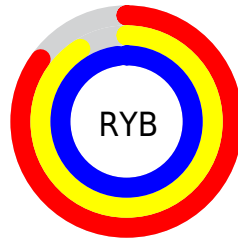
The CIELCh color `94, 9.442, 221.457` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 10.272, 40.515`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.496, 222.437` is the 20% darker color. If you saturate the color by 10%, you get `91, 16.090, 221.991`, and if you desaturate by 10%, it is `97, 2.367, 221.246`.

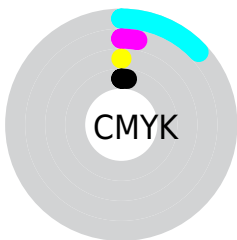
Distribution



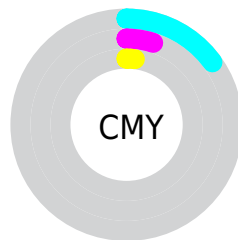
- Red (85%)
- Green (95%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.442, 221.457 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, 9.442, 221.457 by changing the saturation by 10% instead.

94, 9.442, 221.457

94, 9.442, 221.457

100, 9.442,
221.457

84, 9.442, 221.457

74, 9.442, 221.457

64, 9.442, 221.457

54, 9.442, 221.457

44, 9.442, 221.457

34, 9.442, 221.457

24, 9.442, 221.457

14, 9.442, 221.457

4, 9.442, 221.457

94, 9.442, 221.457

94, 9.442, 221.457

91, 16.090,
221.991

97, 2.367, 221.246

88, 22.205,
222.777

99, 1.932, 88.502

86, 27.676,
223.850

100, 2.824,
109.940

83, 32.396,
225.280

81, 36.283,
227.149

79, 39.296,
229.547

77, 41.462,
232.558

75, 42.899,
236.237

■ 74, 43.618,
239.034

Harmonies

Complementary

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



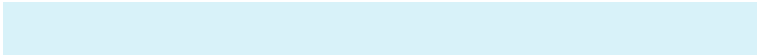
94, 9.442, 221.457



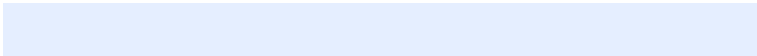
91, 10.272, 40.515

Rectangle

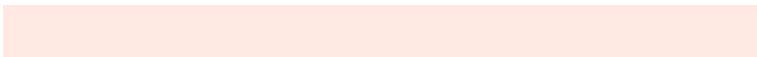
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.442, 221.457



94, 9.442, 271.457



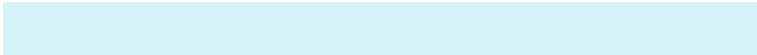
94, 9.442, 41.457



94, 9.442, 91.457

Sweetspot

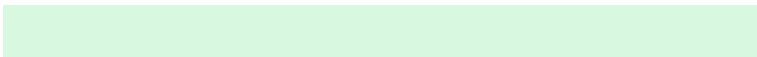
The Sweet Spot groups the original color and five complimentary colors.



94, 9.442, 221.444



99, 2.974, 221.220



95, 18.003, 149.654



52, 2.110, 221.212



0, 0.000, 0.000



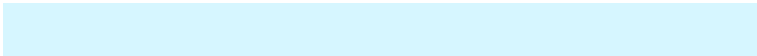
53, 0.007, 296.813

Same Dimension

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



94, 9.442, 221.444



95, 11.532, 221.573



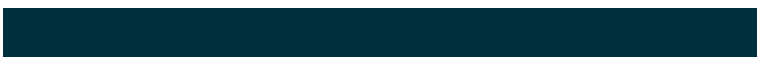
90, 12.399, 275.484



51, 4.102, 221.302



57, 35.285, 238.247



18, 15.761, 232.416

Inverse Universe

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



90, 17.911, 331.776



90, 22.078, 331.963



95, 12.363, 92.041



49, 7.687, 331.525



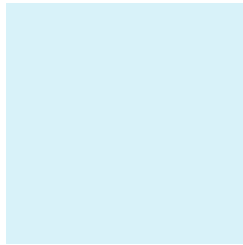
43, 78.200, 338.917



11, 36.091, 337.291

Previews

White Background



This preview shows how the CIELCh color 94, 9.442, 221.457 looks on a white background.

Color Contrast Check

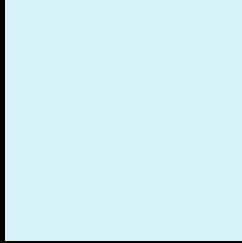
Large Text (above 18pt) WCAG AA × Fail

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, 9.442, 221.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

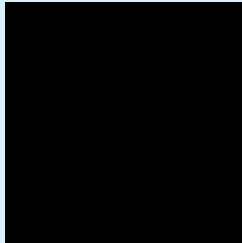
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.442, 221.457

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.442, 221.457.

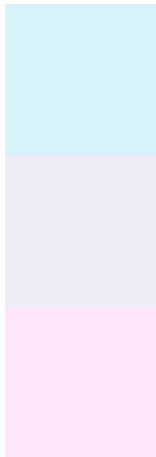


This preview shows how white text looks on a background with the CIELCh color 94, 9.442, 221.457.

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, 9.442, 221.457

Protanopia

94, 5.279, 302.026

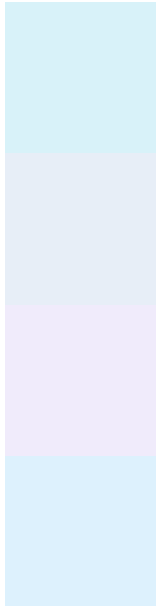
Deuteranopia

94, 14.173, 327.294



Tritanopia
94, 9.516, 253.652

Trichromacy



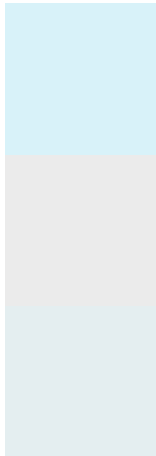
Original Color
94, 9.442, 221.457

Protanomaly
94, 5.194, 262.793

Deuteranomaly
94, 8.458, 302.630

Tritanomaly
94, 9.054, 242.280

Monochromacy



Original Color
94, 9.442, 221.457

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.622, 215.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.442, 221.457 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.442, 221.457 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, 249) }
```

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

```
.border{ border-color:rgb(216, 242, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 242,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.442, 221.457 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, 249) }
```

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

```
.background{ background-color: rgb(216,  
242, 249) }
```

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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