

Converting Colors

CIELCh(94, 7.886, 230.667)

Have a look what the booklet for
CIELCh(94, 7.886, 230.667) contains.

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Color

CIELCh(94, 7.886, 230.667)

Conversions

Conversions Part 1

Format	Color
Hex	DDF1F9
RGB	221, 241, 249
RGB Percent	87%, 95%, 98%
CMY	0.1326, 0.0542, 0.0228
CMYK	0.11, 0.03, 0.00, 0.02
HSL	197°, 71%, 92%
HSV	197°, 11%, 98%
XYZ	78.5117, 85.2715, 102.0957
YIQ	235.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

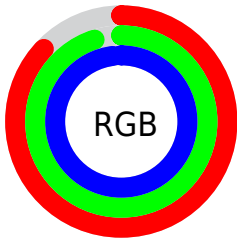
Format	Color
RYB	221, 233, 249
Decimal	14545401
CIELab	94.00, -5.00, -6.10
CIElCh	94, 7.886, 230.667
Yxy	85.2715, 0.2953, 0.3207
Android (android.graphics.Color)	4292735481 (0xFFDDDF1F9)
YUV	235.9320, 6.4425, -13.0954
Hunter-Lab	92.3426, -9.8348, -0.9123

Details

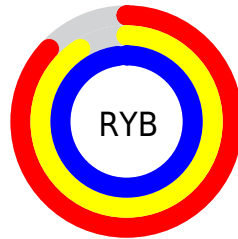
The CIELCh color `94, 7.886, 230.667` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 8.404, 49.045`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.925, 232.242` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.538, 231.551`, and if you desaturate by 10%, it is `98, 0.891, 230.528`.

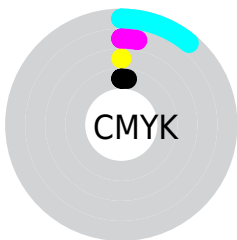
Distribution



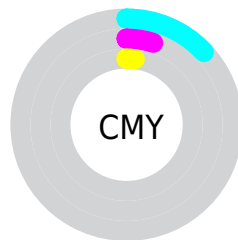
- Red (87%)
- Green (95%)
- Blue (98%)



- Red (87%)
- Yellow (91%)
- Blue (98%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.886, 230.667 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, 7.886, 230.667 by changing the saturation by 10% instead.

94, 7.886, 230.667

94, 7.886, 230.667

100, 7.886,
230.667

84, 7.886, 230.667

74, 7.886, 230.667

64, 7.886, 230.667

54, 7.886, 230.667

44, 7.886, 230.667

34, 7.886, 230.667

24, 7.886, 230.667

14, 7.886, 230.667

4, 7.886, 230.667

94, 7.886, 230.667

94, 7.886, 230.667

91, 14.538,
231.551

98, 0.891, 230.528

87, 20.761,
232.742

100, 2.937,
109.932

84, 26.464,
234.276

81, 31.562,
236.235

78, 35.990,
238.710

75, 39.727,
241.796

73, 42.818,
245.568

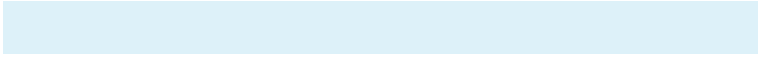
70, 45.396,
250.044

■ 69, 47.448,
254.399

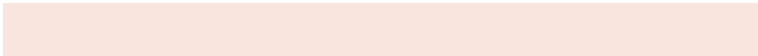
Harmonies

Complementary

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



94, 7.886, 230.667



92, 8.404, 49.045

Rectangle

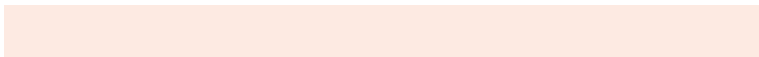
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 7.886, 230.667



94, 7.886, 280.667



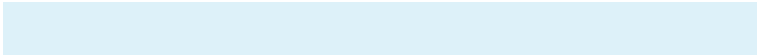
94, 7.886, 50.667



94, 7.886, 100.667

Sweetspot

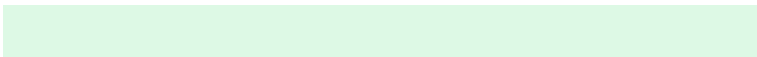
The Sweet Spot groups the original color and five complimentary colors.



94, 7.886, 230.651



99, 2.185, 230.246



96, 14.356, 152.852



53, 1.653, 230.241



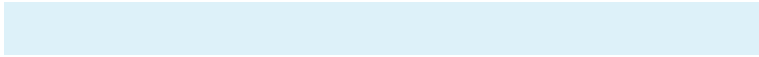
0, 0.000, 0.000



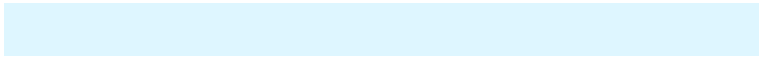
53, 0.007, 296.813

Same Dimension

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



94, 7.886, 230.651



95, 9.256, 230.790



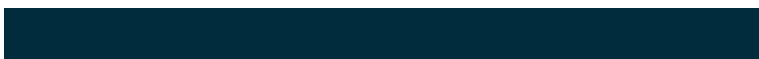
90, 11.537, 280.793



50, 4.014, 230.525



53, 38.225, 253.462



16, 16.506, 246.243

Inverse Universe

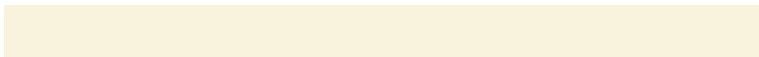
The Inverse Universe completely reimagines the original color for something new.



91, 14.406, 334.450



92, 17.000, 334.579



96, 11.404, 98.062



49, 7.294, 334.323



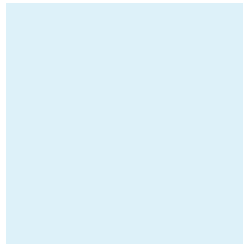
42, 74.278, 343.866



10, 34.439, 341.358

Previews

White Background



This preview shows how the CIE LCh color 94, 7.886, 230.667 looks on a white background.

Color Contrast Check

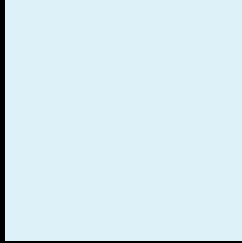
Large Text (above 18pt) WCAG AA × Fail

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, 7.886, 230.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

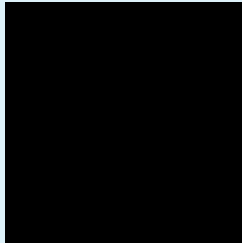
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

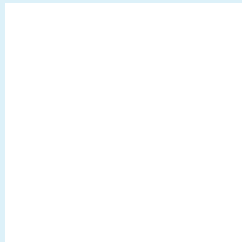
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.886, 230.667

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.886, 230.667.

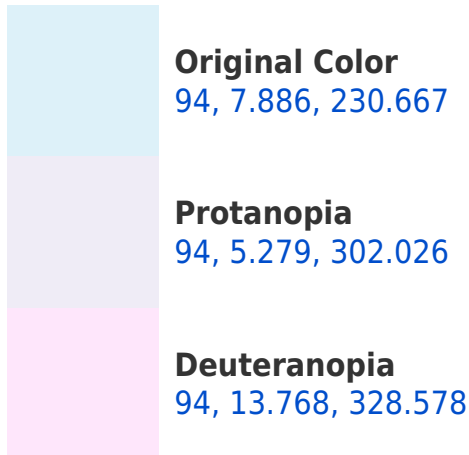


This preview shows how white text looks on a background with the CIELCh color 94, 7.886, 230.667.

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](#).

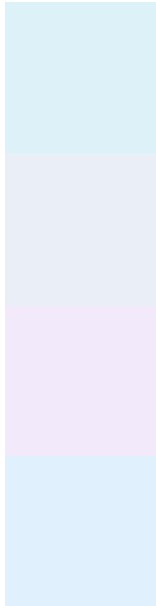
Dichromacy





Tritanopia
94, 9.258, 262.405

Trichromacy



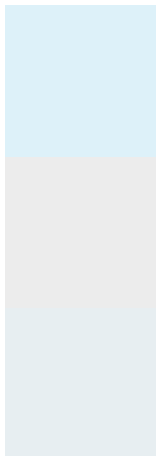
Original Color
94, 7.886, 230.667

Protanomaly
94, 4.924, 269.967

Deuteranomaly
94, 8.748, 309.337

Tritanomaly
94, 8.524, 251.119

Monochromacy



Original Color
94, 7.886, 230.667

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.874, 232.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.886, 230.667 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(221, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 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(221, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.886, 230.667 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(221, 241, 249) }
```

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

```
.border{ border-color:rgb(221, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.886, 230.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 249) }
```

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

```
.background{ background-color: rgb(221,  
241, 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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