

Converting Colors

CIE LCh(95, 9.115, 232.143)

Have a look what the booklet for
CIELCh(95, 9.115, 232.143) contains.

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Color

CIELCh(95, 8.942, 234.240)

Conversions

Conversions Part 1

Format	Color
Hex	DEF4FE
RGB	222, 244, 254
RGB Percent	87%, 96%, 100%
CMY	0.1283, 0.0420, 0.0028
CMYK	0.13, 0.04, 0.00, 0.00
HSL	199°, 96%, 93%
HSV	199°, 13%, 100%
XYZ	80.5796, 87.6183, 106.6696
YIQ	238.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

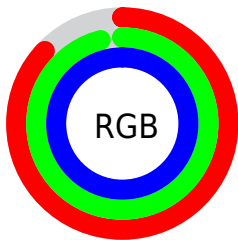
Format	Color
R _Y B	222, 235, 254
Decimal	14611710
CIE Lab	95.00, -5.23, -7.26
CIE LCh	95, 8.942, 234.240
Yxy	87.6183, 0.2932, 0.3188
Android (android.graphics.Color)	4292801790 (0xFFDEF4FE)
YUV	238.5620, 7.6109, -14.5249
Hunter-Lab	93.6047, -10.1464, -2.0422

Details

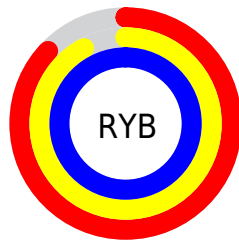
The CIELCh color `95, 8.942, 234.240` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 9.572, 52.152`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.745, 232.838` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.675, 235.301`, and if you desaturate by 10%, it is `99, 1.877, 233.606`.

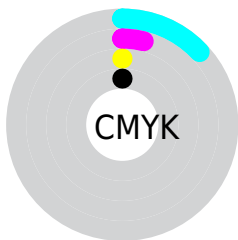
Distribution



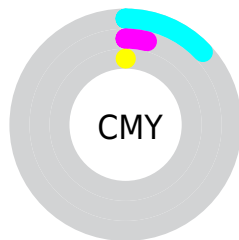
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.942, 234.240 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, 8.942, 234.240 by changing the saturation by 10% instead.

 95, 8.942, 234.240

 95, 8.942, 234.240

 100, 8.942,
234.240

 85, 8.942, 234.240

 75, 8.942, 234.240

 65, 8.942, 234.240

 55, 8.942, 234.240

 45, 8.942, 234.240

 35, 8.942, 234.240

 25, 8.942, 234.240

 15, 8.942, 234.240

 5, 8.942, 234.240

95, 8.942, 234.240

95, 8.942, 234.240

91, 15.675,
235.301

99, 1.877, 233.606

88, 21.994,
236.686

100, 0.351,
109.931

84, 27.817,
238.444

81, 33.066,
240.659

78, 37.694,
243.424

75, 41.697,
246.825

72, 45.147,
250.919

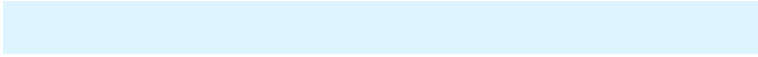
70, 48.200,
255.685

■ 68, 50.380,
259.496

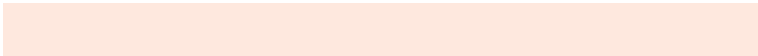
Harmonies

Complementary

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



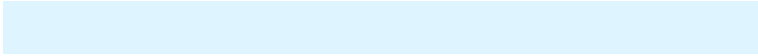
95, 8.942, 234.240



94, 9.572, 52.152

Rectangle

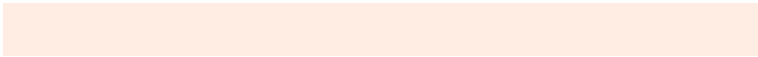
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.942, 234.240



95, 8.942, 284.240



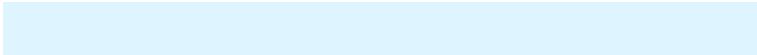
95, 8.942, 54.240



95, 8.942, 104.240

Sweetspot

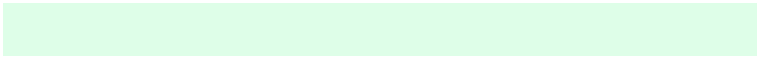
The Sweet Spot groups the original color and five complimentary colors.



95, 8.942, 234.226



98, 2.899, 233.605



97, 16.154, 153.397



52, 2.057, 233.633



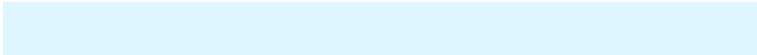
0, 0.000, 0.000



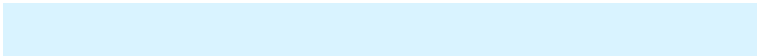
53, 0.007, 296.813

Same Dimension

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



95, 8.942, 234.226



94, 10.624, 234.459



91, 13.410, 281.975



51, 4.075, 233.956



52, 40.295, 258.530



16, 17.499, 251.409

Inverse Universe

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



92, 16.108, 335.653



90, 19.271, 335.835



97, 13.219, 98.943



50, 7.276, 335.421



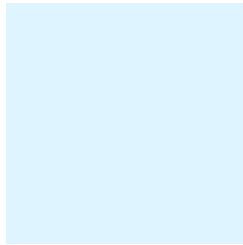
42, 73.740, 345.866



11, 34.757, 343.117

Previews

White Background



This preview shows how the CIE LCh color 95, 8.942, 234.240 looks on a white background.

Color Contrast Check

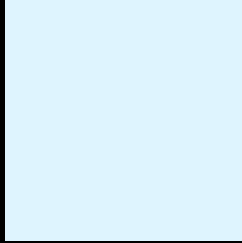
Large Text (above 18pt) WCAG AA × Fail

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 95, 8.942, 234.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

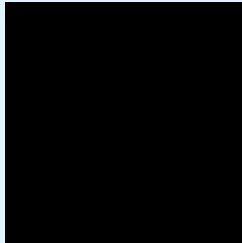
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

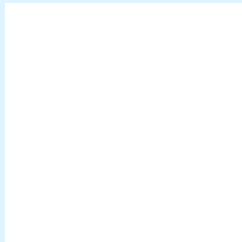
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.942, 234.240

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.942, 234.240.



This preview shows how white text looks on a background with the CIELCh color 95, 8.942, 234.240.

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, 8.942, 234.240

Protanopia

95, 6.224, 297.059

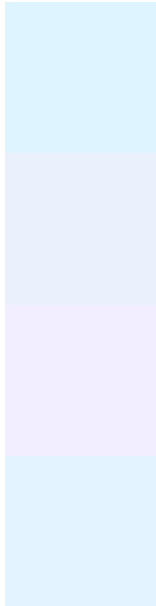
Deuteranopia

95, 13.109, 324.873



Tritanopia
95, 7.757, 258.918

Trichromacy



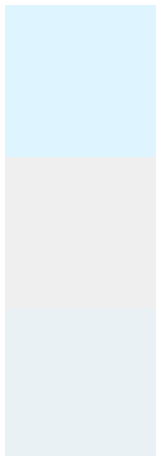
Original Color
95, 8.942, 234.240

Protanomaly
95, 6.105, 267.421

Deuteranomaly
95, 8.941, 301.971

Tritanomaly
95, 8.125, 248.708

Monochromacy



Original Color
95, 8.942, 234.240

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.433, 236.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.942, 234.240 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(222, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 244, 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(222, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.942, 234.240 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(222, 244, 254) }
```

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

```
.border{ border-color:rgb(222, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.942, 234.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 244, 254) }
```

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

```
.background{ background-color: rgb(222,  
244, 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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