

Converting Colors

CIELCh(95, 7.055, 230.271)

Have a look what the booklet for
CIELCh(95, 7.055, 230.271) contains.

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Color

CIELCh(95, 7.056, 229.843)

Conversions

Conversions Part 1

Format	Color
Hex	E2F4FB
RGB	226, 244, 251
RGB Percent	89%, 96%, 98%
CMY	0.1147, 0.0441, 0.0167
CMYK	0.10, 0.03, 0.00, 0.02
HSL	197°, 75%, 93%
HSV	197°, 10%, 98%
XYZ	80.9250, 87.6183, 103.6956
YIQ	239.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

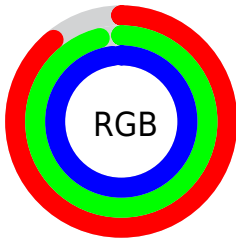
Format	Color
R _Y B	226, 236, 251
Decimal	14873851
CIE Lab	95.00, -4.55, -5.39
CIE LCh	95, 7.056, 229.843
Yxy	87.6183, 0.2973, 0.3218
Android (android.graphics.Color)	4293063931 (0xFFE2F4FB)
YUV	239.4160, 5.7109, -11.7658
Hunter-Lab	93.6047, -9.4876, -0.1584

Details

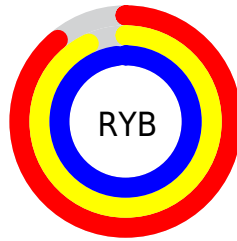
The CIELCh color **95, 7.056, 229.843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.466, 48.425**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.059, 231.503** is the 20% darker color. If you saturate the color by 10%, you get **92, 13.790, 230.659**, and if you desaturate by 10%, it is **99, 0.021, 18.450**.

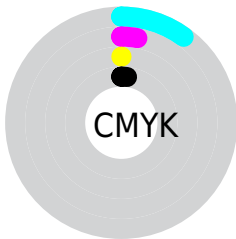
Distribution



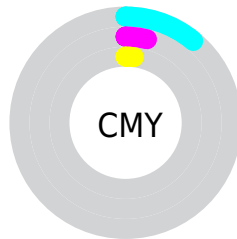
- Red (89%)
- Green (96%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (4%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.056, 229.843 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, 7.056, 229.843 by changing the saturation by 10% instead.

 95, 7.056, 229.843

 95, 7.056, 229.843

 100, 7.056,
229.843

 85, 7.056, 229.843

 75, 7.056, 229.843

 65, 7.056, 229.843

 55, 7.056, 229.843

 45, 7.056, 229.843

 35, 7.056, 229.843

 25, 7.056, 229.843

 15, 7.056, 229.843

 5, 7.056, 229.843

95, 7.056, 229.843

95, 7.056, 229.843

92, 13.790,
230.659

99, 0.021, 18.450

88, 20.097,
231.779

100, 2.150,
109.981

85, 25.884,
233.230

82, 31.062,
235.089

79, 35.560,
237.447

76, 39.348,
240.401

74, 42.458,
244.032

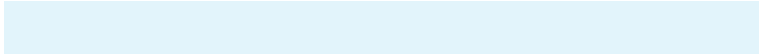
72, 45.011,
248.372

■ 69, 47.259,
253.279

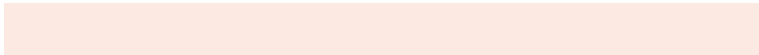
Harmonies

Complementary

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



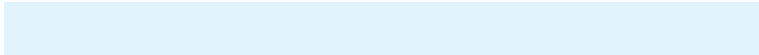
95, 7.056, 229.843



93, 7.466, 48.425

Rectangle

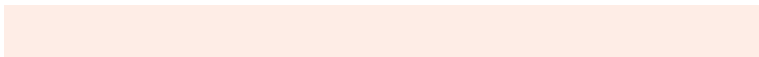
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.056, 229.843



95, 7.056, 279.843



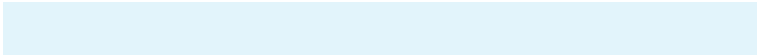
95, 7.056, 49.843



95, 7.056, 99.843

Sweetspot

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



95, 7.056, 229.825



99, 2.187, 229.532



96, 12.949, 152.311



53, 1.654, 229.524



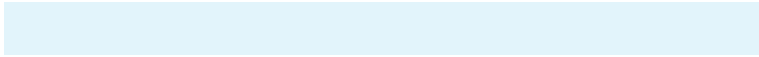
0, 0.000, 0.000



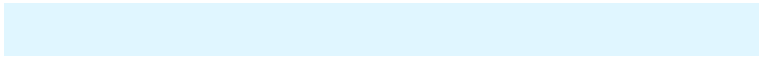
53, 0.007, 296.813

Same Dimension

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



95, 7.056, 229.825



96, 8.570, 229.971



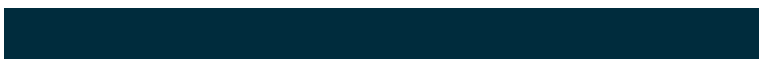
92, 10.078, 279.586



50, 4.017, 229.793



53, 37.910, 252.345



16, 16.417, 245.198

Inverse Universe

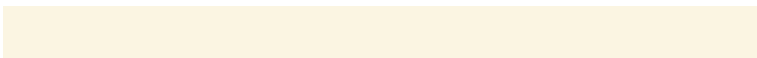
The Inverse Universe completely reimagines the original color for something new.



92, 12.884, 334.128



92, 15.745, 334.276



96, 9.985, 97.136



49, 7.324, 334.094



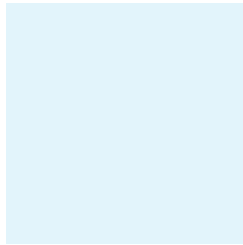
42, 74.561, 343.454



10, 34.560, 341.022

Previews

White Background



This preview shows how the CIELCh color 95, 7.056, 229.843 looks on a white background.

Color Contrast Check

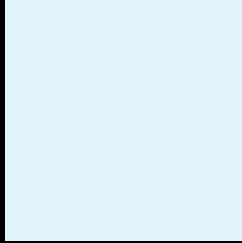
Large Text (above 18pt) WCAG AA × Fail

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, 7.056, 229.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

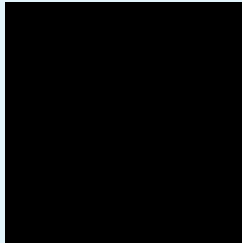
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

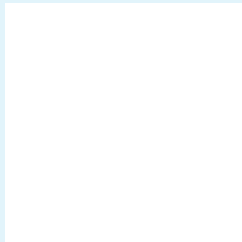
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.056, 229.843

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.056, 229.843.

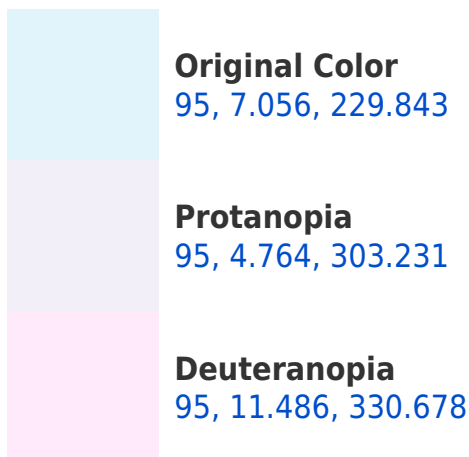


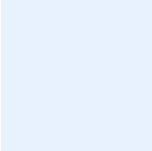
This preview shows how white text looks on a background with the CIELCh color 95, 7.056, 229.843.

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](#).

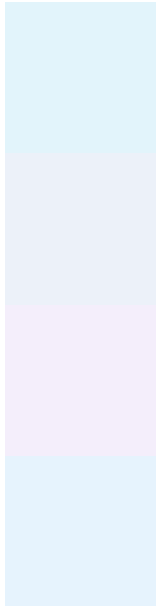
Dichromacy





Tritanopia
95, 7.439, 263.400

Trichromacy



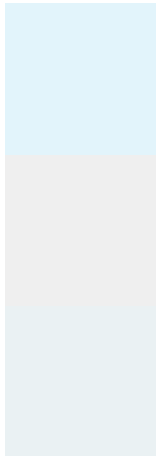
Original Color
95, 7.056, 229.843

Protanomaly
95, 4.437, 267.555

Deuteranomaly
95, 7.036, 307.934

Tritanomaly
95, 6.722, 249.213

Monochromacy



Original Color
95, 7.056, 229.843

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.638, 222.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.056, 229.843 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(226, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(226, 244, 251)  
}
```

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(226, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 244, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.056, 229.843 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(226, 244, 251) }
```

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

```
.border{ border-color:rgb(226, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(226, 244,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.056, 229.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 244, 251) }
```

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

```
.background{ background-color: rgb(226,  
244, 251) }
```

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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