

Converting Colors

CIELCh(95, 7.390, 233.236)

Have a look what the booklet for
CIELCh(95, 7.390, 233.236) contains.

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Color

CIELCh(95, 7.589, 231.986)

Conversions

Conversions Part 1

Format	Color
Hex	E1F4FC
RGB	225, 244, 252
RGB Percent	88%, 96%, 99%
CMY	0.1182, 0.0437, 0.0123
CMYK	0.11, 0.03, 0.00, 0.01
HSL	198°, 81%, 93%
HSV	198°, 11%, 99%
XYZ	80.8618, 87.6183, 104.6253
YIQ	239.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

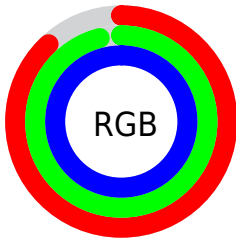
Format	Color
R_{YB}	225, 236, 252
Decimal	14808316
CIE _{Lab}	95.00, -4.67, -5.98
CIE _{LCh}	95, 7.589, 231.986
Yxy	87.6183, 0.2961, 0.3208
Android (android.graphics.Color)	4292998396 (0xFFE1F4FC)
YUV	239.2310, 6.2951, -12.4806
Hunter-Lab	93.6047, -9.6082, -0.7473

Details

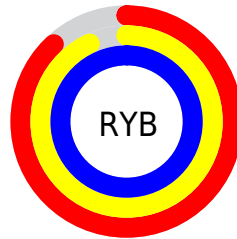
The CIELCh color `95, 7.589, 231.986` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.052, 50.327`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.353, 230.037` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.323, 232.909`, and if you desaturate by 10%, it is `99, 0.524, 232.278`.

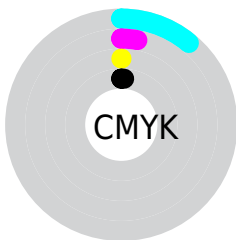
Distribution



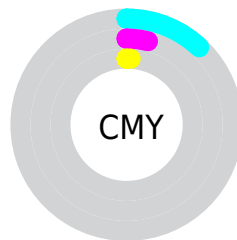
- Red (88%)
- Green (96%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.589, 231.986 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, 7.589, 231.986 by changing the saturation by 10% instead.

95, 7.589, 231.986

95, 7.589, 231.986

100, 7.589,
231.986

85, 7.589, 231.986

75, 7.589, 231.986

65, 7.589, 231.986

55, 7.589, 231.986

45, 7.589, 231.986

35, 7.589, 231.986

25, 7.589, 231.986

15, 7.589, 231.986

5, 7.589, 231.986

95, 7.589, 231.986

95, 7.589, 231.986

91, 14.323,
232.909

99, 0.524, 232.278

88, 20.641,
234.144

100, 1.583,
110.011

85, 26.456,
235.727

82, 31.683,
237.739

79, 36.262,
240.272

76, 40.171,
243.419

73, 43.459,
247.252

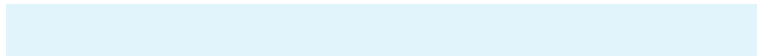
71, 46.259,
251.785

■ 68, 48.651,
256.457

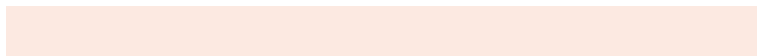
Harmonies

Complementary

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



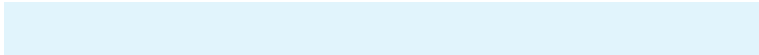
95, 7.589, 231.986



94, 8.052, 50.327

Rectangle

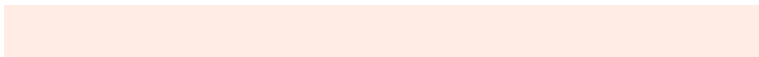
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.589, 231.986



95, 7.589, 281.986



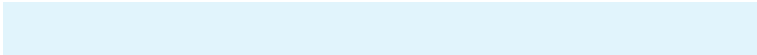
95, 7.589, 51.986



95, 7.589, 101.986

Sweetspot

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



95, 7.589, 231.969



99, 2.182, 231.563



97, 13.808, 152.893



53, 1.651, 231.563



0, 0.000, 0.000



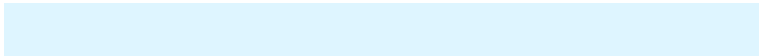
53, 0.007, 296.813

Same Dimension

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



95, 7.589, 231.969



95, 9.249, 232.158



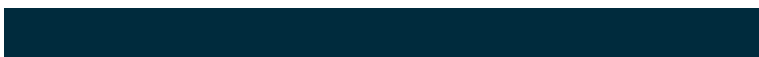
92, 11.092, 280.725



50, 4.010, 231.875



52, 38.841, 255.478



16, 16.684, 248.143

Inverse Universe

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



92, 13.751, 334.841



92, 16.873, 335.010



97, 10.969, 98.122



49, 7.239, 334.750



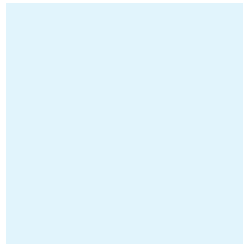
42, 73.770, 344.634



10, 34.218, 341.985

Previews

White Background



This preview shows how the CIELCh color 95, 7.589, 231.986 looks on a white background.

Color Contrast Check

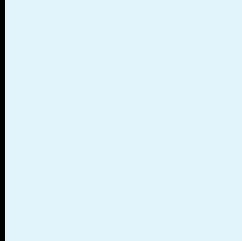
Large Text (above 18pt) WCAG AA × Fail

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 95, 7.589, 231.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

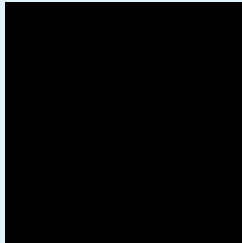
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

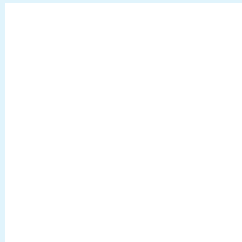
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.589, 231.986

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.589, 231.986.

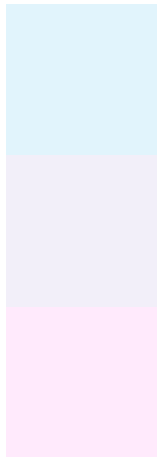


This preview shows how white text looks on a background with the CIELCh color 95, 7.589, 231.986.

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

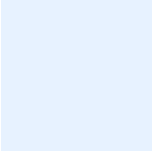
95, 7.589, 231.986

Protanopia

95, 5.267, 302.023

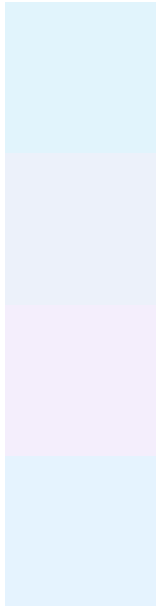
Deuteranopia

95, 11.879, 329.075



Tritanopia
95, 7.592, 261.110

Trichromacy



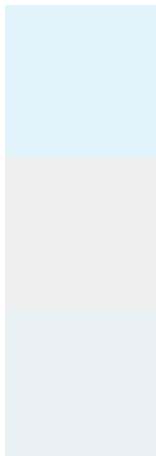
Original Color
95, 7.589, 231.986

Protanomaly
95, 4.912, 269.959

Deuteranomaly
95, 7.528, 306.787

Tritanomaly
95, 7.317, 249.928

Monochromacy



Original Color
95, 7.589, 231.986

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.868, 232.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.589, 231.986 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(225, 244, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 252)  
}
```

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(225, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.589, 231.986 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(225, 244, 252) }
```

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

```
.border{ border-color:rgb(225, 244, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 244, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.589, 231.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 252) }
```

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

```
.background{ background-color: rgb(225,  
244, 252) }
```

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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