

Converting Colors

CIELCh(95, 7.842, 243.048)

Have a look what the booklet for
CIELCh(95, 7.842, 243.048) contains.

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Color

CIELCh(95, 7.990, 244.332)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3FE
RGB	226, 243, 254
RGB Percent	89%, 95%, 100%
CMY	0.1128, 0.0461, 0.0030
CMYK	0.11, 0.04, 0.00, 0.00
HSL	204°, 95%, 94%
HSV	204°, 11%, 100%
XYZ	81.4844, 87.6183, 106.5816
YIQ	239.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 237, 254
Decimal	14873598
CIE Lab	95.00, -3.46, -7.20
CIE LCh	95, 7.990, 244.332
Yxy	87.6183, 0.2956, 0.3178
Android (android.graphics.Color)	4293063678 (0xFFE2F3FE)
YUV	239.1710, 7.3107, -11.5510
Hunter-Lab	93.6047, -8.4209, -1.9864

Details

The CIELCh color `95, 7.990, 244.332` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.367, 61.847`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.734, 243.539` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.003, 245.667`, and if you desaturate by 10%, it is `99, 0.752, 243.831`.

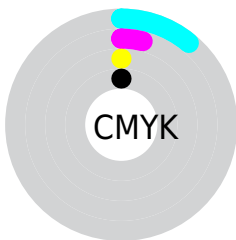
Distribution



- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.990, 244.332 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, 7.990, 244.332 by changing the saturation by 10% instead.

95, 7.990, 244.332

95, 7.990, 244.332

100, 7.990,
244.332

85, 7.990, 244.332

75, 7.990, 244.332

65, 7.990, 244.332

55, 7.990, 244.332

45, 7.990, 244.332

35, 7.990, 244.332

25, 7.990, 244.332

15, 7.990, 244.332

5, 7.990, 244.332

95, 7.990, 244.332

95, 7.990, 244.332

91, 15.003,
245.667

99, 0.752, 243.831

87, 21.733,
247.347

100, 0.375,
109.944

83, 28.121,
249.413

79, 34.119,
251.943

75, 39.705,
255.015

71, 44.901,
258.691

68, 49.791,
262.986

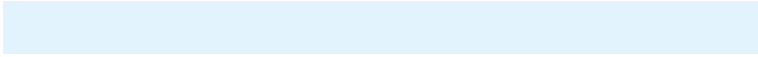
65, 54.527,
267.826

■ 62, 58.841,
272.410

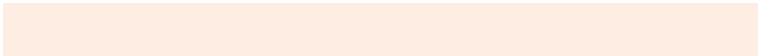
Harmonies

Complementary

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



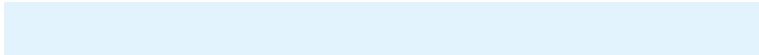
95, 7.990, 244.332



95, 8.367, 61.847

Rectangle

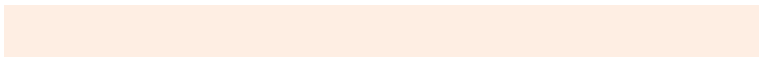
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.990, 244.332



95, 7.990, 294.332



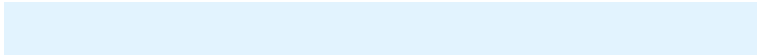
95, 7.990, 64.332



95, 7.990, 114.332

Sweetspot

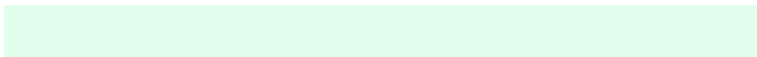
The Sweet Spot groups the original color and five complimentary colors.



95, 7.989, 244.316



99, 2.209, 243.567



97, 13.276, 157.046



52, 1.672, 243.602



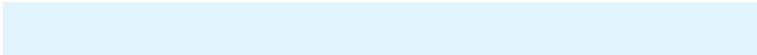
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 7.989, 244.316



94, 9.424, 244.559



92, 12.845, 286.257



51, 4.143, 244.141



47, 46.857, 271.464



14, 19.662, 264.249

Inverse Universe

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



93, 13.300, 339.102



92, 15.763, 339.266



98, 12.602, 103.796



50, 6.872, 338.977



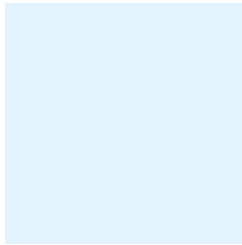
42, 70.590, 352.354



11, 33.268, 348.443

Previews

White Background



This preview shows how the CIE LCh color 95, 7.990, 244.332 looks on a white background.

Color Contrast Check

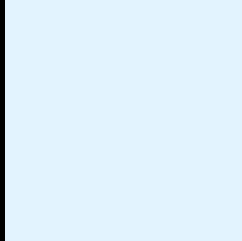
Large Text (above 18pt) WCAG AA × Fail

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, 7.990, 244.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

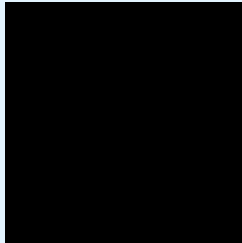
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

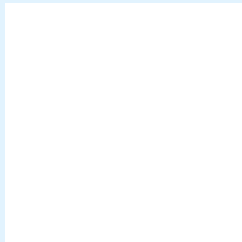
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.990, 244.332

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.990, 244.332.



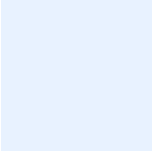
This preview shows how white text looks on a background with the CIELCh color 95, 7.990, 244.332.

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](#).

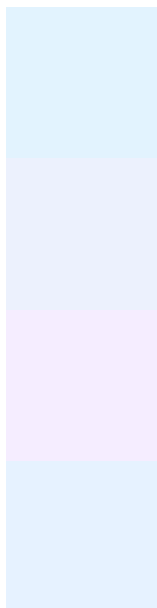
Dichromacy





Tritanopia
95, 7.439, 263.400

Trichromacy



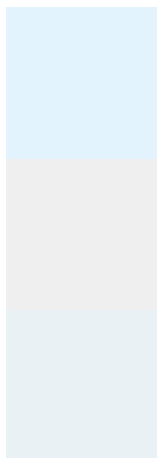
Original Color
95, 7.990, 244.332

Protanomaly
95, 6.373, 275.022

Deuteranomaly
95, 9.706, 307.427

Tritanomaly
95, 7.757, 258.918

Monochromacy



Original Color
95, 7.990, 244.332

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.164, 240.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.990, 244.332 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, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 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(226, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.990, 244.332 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, 243, 254) }
```

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

```
.border{ border-color:rgb(226, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.990, 244.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 254) }
```

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

```
.background{ background-color: rgb(226,  
243, 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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