

Converting Colors

CIELCh(95, 7.199, 241.815)

Have a look what the booklet for
CIELCh(95, 7.199, 241.815) contains.

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Color

CIELCh(95, 7.409, 243.216)

Conversions

Conversions Part 1

Format	Color
Hex	E3F3FD
RGB	227, 243, 253
RGB Percent	89%, 95%, 99%
CMY	0.1093, 0.0466, 0.0074
CMYK	0.10, 0.04, 0.00, 0.01
HSL	203°, 87%, 94%
HSV	203°, 10%, 99%
XYZ	81.5473, 87.6183, 105.6385
YIQ	239.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

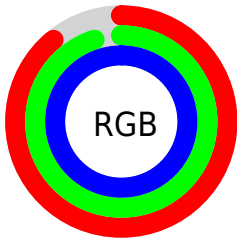
Format	Color
R_{YB}	227, 237, 253
Decimal	14939133
CIE Lab	95.00, -3.34, -6.61
CIE LCh	95, 7.409, 243.216
Yxy	87.6183, 0.2967, 0.3188
Android (android.graphics.Color)	4293129213 (0xFFE3F3FD)
YUV	239.3560, 6.7265, -10.8362
Hunter-Lab	93.6047, -8.3010, -1.3891

Details

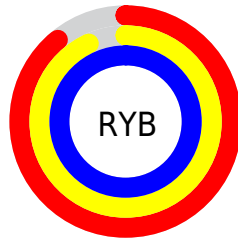
The CIELCh color `95, 7.409, 243.216` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 7.742, 60.937`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.131, 242.211` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.382, 244.498`, and if you desaturate by 10%, it is `99, 0.206, 244.676`.

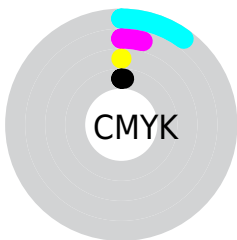
Distribution



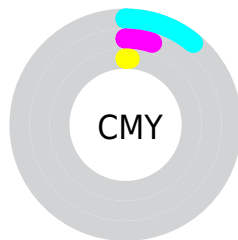
- Red (89%)
- Green (95%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.409, 243.216 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, 7.409, 243.216 by changing the saturation by 10% instead.

95, 7.409, 243.216

95, 7.409, 243.216

100, 7.409,
243.216

85, 7.409, 243.216

75, 7.409, 243.216

65, 7.409, 243.216

55, 7.409, 243.216

45, 7.409, 243.216

35, 7.409, 243.216

25, 7.409, 243.216

15, 7.409, 243.216

5, 7.409, 243.216

95, 7.409, 243.216

95, 7.409, 243.216

91, 14.382,
244.498

99, 0.206, 244.676

87, 21.066,
246.123

100, 0.944,
110.025

83, 27.398,
248.129

79, 33.327,
250.591

75, 38.824,
253.592

72, 43.905,
257.198

68, 48.645,
261.434

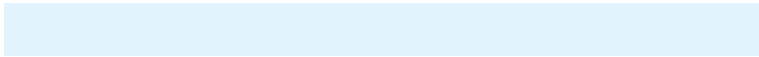
65, 53.193,
266.241

■ 62, 57.649,
271.220

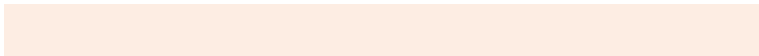
Harmonies

Complementary

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



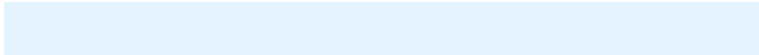
95, 7.409, 243.216



95, 7.742, 60.937

Rectangle

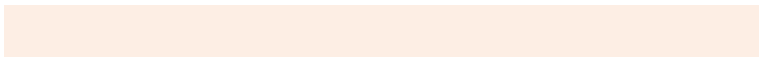
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.409, 243.216



95, 7.409, 293.216



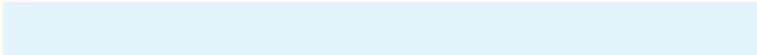
95, 7.409, 63.216



95, 7.409, 113.216

Sweetspot

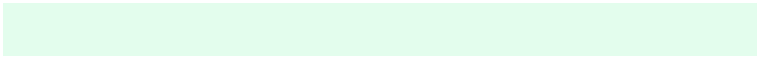
The Sweet Spot groups the original color and five complimentary colors.



95, 7.408, 243.199



99, 2.203, 242.558



97, 12.333, 157.110



52, 1.667, 242.591



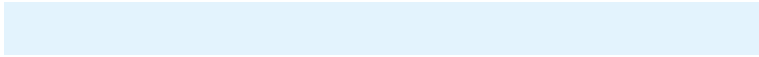
0, 0.000, 0.000



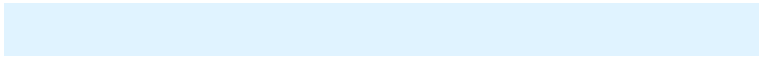
53, 0.007, 296.813

Same Dimension

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



95, 7.408, 243.199



95, 8.684, 243.401



92, 11.921, 286.165



51, 4.130, 243.113



48, 46.088, 270.281



15, 19.400, 263.041

Inverse Universe

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



93, 12.422, 338.655



92, 14.622, 338.797



98, 11.709, 103.876



50, 6.912, 338.593



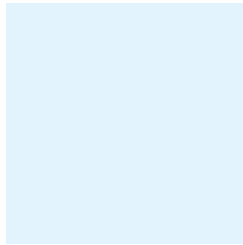
42, 70.863, 351.651



11, 33.405, 347.866

Previews

White Background



This preview shows how the CIELCh color 95, 7.409, 243.216 looks on a white background.

Color Contrast Check

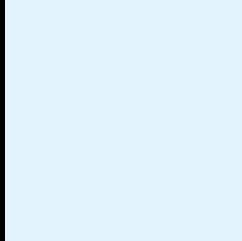
Large Text (above 18pt) WCAG AA × Fail

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, 7.409, 243.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

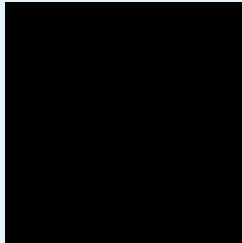
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

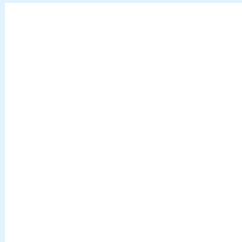
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.409, 243.216

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.409, 243.216.



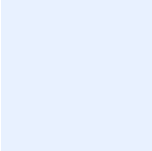
This preview shows how white text looks on a background with the CIELCh color 95, 7.409, 243.216.

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, 7.768, 267.461

Trichromacy



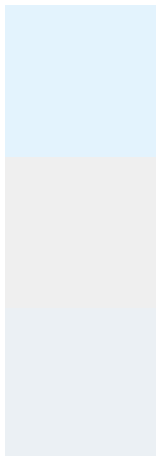
Original Color
95, 7.409, 243.216

Protanomaly
95, 6.241, 281.131

Deuteranomaly
95, 8.727, 309.334

Tritanomaly
95, 7.331, 256.720

Monochromacy



Original Color
95, 7.409, 243.216

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.680, 249.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.409, 243.216 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(227, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(227, 243, 253)  
}
```

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(227, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 243, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.409, 243.216 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(227, 243, 253) }
```

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

```
.border{ border-color:rgb(227, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 243, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 243, 253); box-shadow:4px 4px 4px 4px rgb(227, 243, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.409, 243.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 243, 253) }
```

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

```
.background{ background-color: rgb(227,  
243, 253) }
```

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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