

Converting Colors

CIE LCh(95, 7.197, 220.018)

Have a look what the booklet for
CIELCh(95, 7.197, 220.018) contains.

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Color

CIELCh(95, 7.256, 219.858)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0F4F9 |
| RGB | 224, 244, 249 |
| RGB Percent | 88%, 96%, 98% |
| CMY | 0.1205, 0.0420, 0.0224 |
| CMYK | 0.10, 0.02, 0.00, 0.02 |
| HSL | 192°, 69%, 93% |
| HSV | 192°, 10%, 98% |
| XYZ | 80.4038, 87.6183, 102.5262 |
| YIQ | 238.5900, -13.5250, -2.6850 |

Conversions

Conversions Part 2

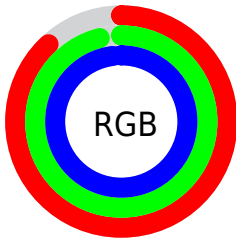
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 224, 235, 249 |
| Decimal | 14742777 |
| CIE Lab | 95.00, -5.57, -4.65 |
| CIE LCh | 95, 7.256, 219.858 |
| Yxy | 87.6183, 0.2972, 0.3239 |
| Android (android.graphics.Color) | 4292932857 (0xFFE0F4F9) |
| YUV | 238.5900, 5.1321, -12.7954 |
| Hunter-Lab | 93.6047, -10.4816, 0.5823 |

Details

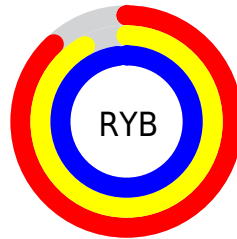
The CIELCh color `95, 7.256, 219.858` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 7.730, 39.192`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.236, 220.948` is the 20% darker color. If you saturate the color by 10%, you get `92, 14.084, 220.244`, and if you desaturate by 10%, it is `98, 0.027, 243.745`.

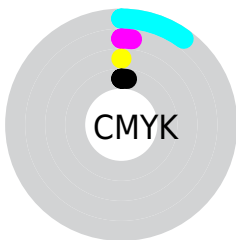
Distribution



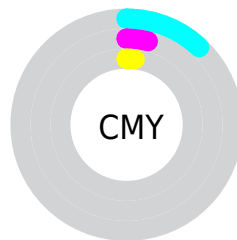
- Red (88%)
- Green (96%)
- Blue (98%)



- Red (88%)
- Yellow (92%)
- Blue (98%)



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



- Cyan (12%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.256, 219.858 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, 7.256, 219.858 by changing the saturation by 10% instead.

95, 7.256, 219.858

95, 7.256, 219.858

100, 7.256,
219.858

85, 7.256, 219.858

75, 7.256, 219.858

65, 7.256, 219.858

55, 7.256, 219.858

45, 7.256, 219.858

35, 7.256, 219.858

25, 7.256, 219.858

15, 7.256, 219.858

5, 7.256, 219.858

95, 7.256, 219.858

95, 7.256, 219.858

92, 14.084,
220.244

98, 0.027, 243.745

89, 20.402,
220.873

100, 2.520,
103.939

87, 26.098,
221.757

100, 2.889,
109.936

84, 31.059,
222.958

82, 35.190,
224.551

80, 38.429,
226.618

78, 40.776,
229.248

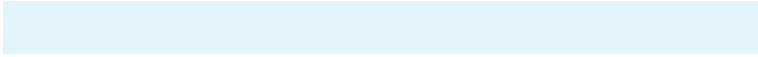
76, 42.310,
232.510

■ 75, 43.267,
236.345

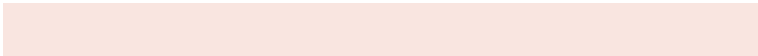
Harmonies

Complementary

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



95, 7.256, 219.858



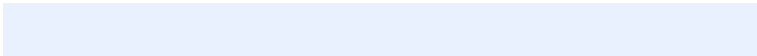
92, 7.730, 39.192

Rectangle

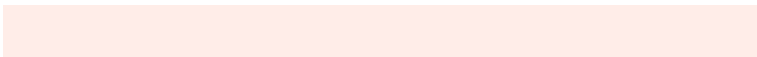
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



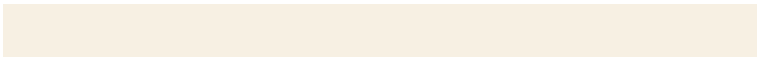
95, 7.256, 219.858



95, 7.256, 269.858



95, 7.256, 39.858



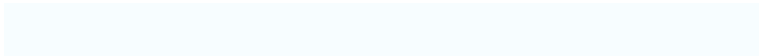
95, 7.256, 89.858

Sweetspot

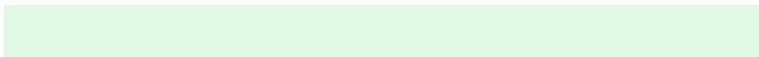
The Sweet Spot groups the original color and five complimentary colors.



95, 7.256, 219.841



99, 2.250, 219.822



96, 13.780, 149.325



53, 1.702, 219.783



0, 0.000, 0.000



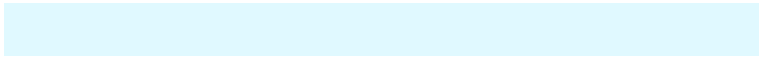
53, 0.007, 296.813

Same Dimension

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



95, 7.256, 219.841



96, 8.796, 219.902



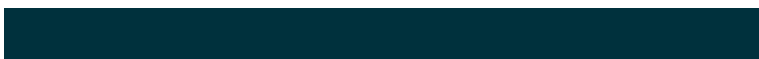
92, 9.193, 273.780



51, 4.126, 219.826



58, 35.039, 235.599



18, 15.723, 230.086

Inverse Universe

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



92, 13.659, 331.126



92, 16.666, 331.258



95, 9.181, 91.160



49, 7.754, 331.090



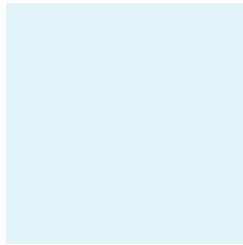
43, 78.906, 338.165



11, 36.382, 336.669

Previews

White Background



This preview shows how the CIELCh color 95, 7.256, 219.858 looks on a white background.

Color Contrast Check

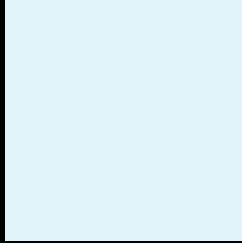
Large Text (above 18pt) WCAG AA × Fail

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, 7.256, 219.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

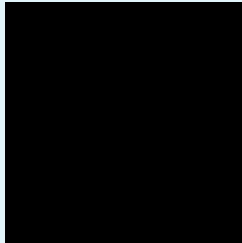
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

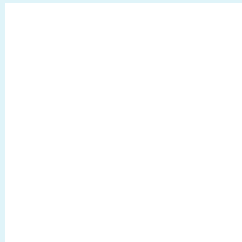
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.256, 219.858

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.256, 219.858.

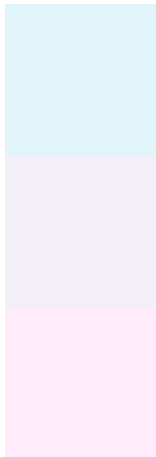


This preview shows how white text looks on a background with the CIELCh color 95, 7.256, 219.858.

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

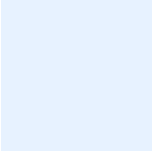
95, 7.256, 219.858

Protanopia

95, 3.886, 311.601

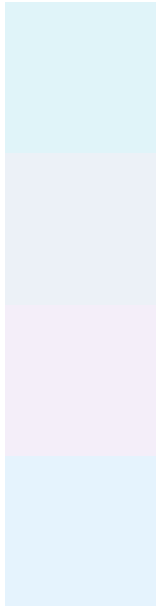
Deuteranopia

95, 10.113, 334.785



Tritanopia
95, 7.592, 261.110

Trichromacy



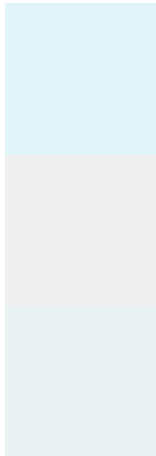
Original Color
95, 7.256, 219.858

Protanomaly
95, 3.518, 260.859

Deuteranomaly
95, 6.064, 310.803

Tritanomaly
95, 6.943, 247.080

Monochromacy



Original Color
95, 7.256, 219.858

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, 7.256, 219.858 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(224, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 249)  
}
```

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(224, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.256, 219.858 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(224, 244, 249) }
```

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

```
.border{ border-color:rgb(224, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.256, 219.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 249) }
```

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

```
.background{ background-color: rgb(224,  
244, 249) }
```

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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