

Converting Colors

CIELCh(96, 20.196, 275.171)

Have a look what the booklet for
CIELCh(96, 20.196, 275.171)
contains.

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Color

CIELCh(95, 8.222, 242.676)

Conversions

Conversions Part 1

Format	Color
Hex	E1F3FE
RGB	225, 243, 254
RGB Percent	88%, 95%, 100%
CMY	0.1159, 0.0454, 0.0023
CMYK	0.11, 0.04, 0.00, 0.00
HSL	203°, 96%, 94%
HSV	203°, 11%, 100%
XYZ	81.3234, 87.6183, 106.7477
YIQ	238.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

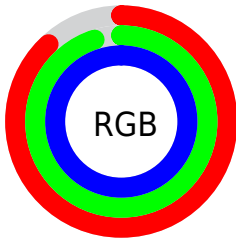
Format	Color
R_{YB}	225, 236, 254
Decimal	14808062
CIE _{Lab}	95.00, -3.77, -7.30
CIE _{LCh}	95, 8.222, 242.676
Yxy	87.6183, 0.2950, 0.3178
Android (android.graphics.Color)	4292998142 (0xFFE1F3FE)
YUV	238.8720, 7.4581, -12.1657
Hunter-Lab	93.6047, -8.7281, -2.0916

Details

The CIELCh color `95, 8.222, 242.676` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.646, 60.205`, 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, 7.983, 241.793` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.174, 243.978`, and if you desaturate by 10%, it is `99, 1.025, 242.029`.

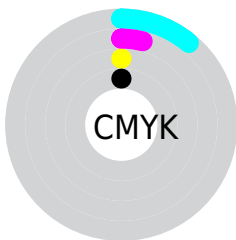
Distribution



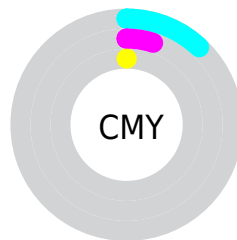
- Red (88%)
- Green (95%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



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



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.222, 242.676 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, 8.222, 242.676 by changing the saturation by 10% instead.

 95, 8.222, 242.676

 95, 8.222, 242.676

 100, 8.222,
242.676

 85, 8.222, 242.676

 75, 8.222, 242.676

 65, 8.222, 242.676

 55, 8.222, 242.676

 45, 8.222, 242.676

 35, 8.222, 242.676

 25, 8.222, 242.676

 15, 8.222, 242.676

 5, 8.222, 242.676

95, 8.222, 242.676

95, 8.222, 242.676

91, 15.174,
243.978

99, 1.025, 242.029

87, 21.820,
245.624

100, 0.280,
109.881

83, 28.096,
247.658

79, 33.950,
250.158

75, 39.357,
253.207

72, 44.334,
256.871

69, 48.966,
261.169

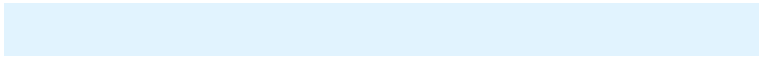
66, 53.408,
266.034

■ 63, 57.264,
270.459

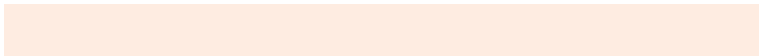
Harmonies

Complementary

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



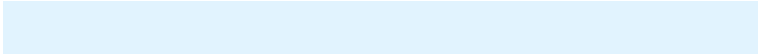
95, 8.222, 242.676



95, 8.646, 60.205

Rectangle

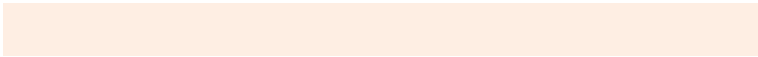
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.222, 242.676



95, 8.222, 292.676



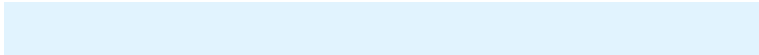
95, 8.222, 62.676



95, 8.222, 112.676

Sweetspot

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



95, 8.221, 242.661



99, 2.199, 241.906



97, 13.914, 156.275



52, 1.664, 241.937



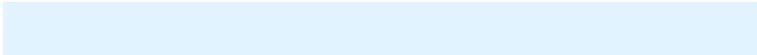
0, 0.000, 0.000



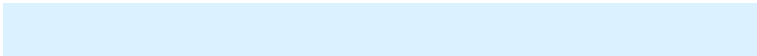
53, 0.007, 296.813

Same Dimension

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



95, 8.221, 242.661



94, 10.078, 242.974



91, 13.061, 285.470



51, 4.122, 242.449



48, 45.604, 269.502



15, 19.236, 262.251

Inverse Universe

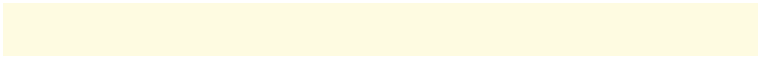
The Inverse Universe completely reimagines the original color for something new.



92, 13.902, 338.501



91, 17.150, 338.714



98, 12.822, 102.885



50, 6.938, 338.347



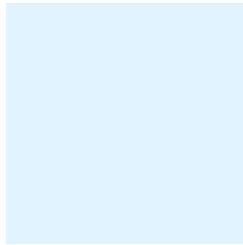
42, 71.046, 351.203



11, 33.495, 347.498

Previews

White Background



This preview shows how the CIELCh color 95, 8.222, 242.676 looks on a white background.

Color Contrast Check

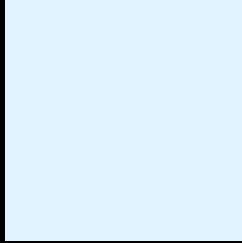
Large Text (above 18pt) WCAG AA × Fail

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, 8.222, 242.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

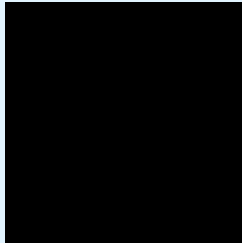
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

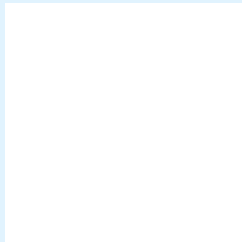
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.222, 242.676

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.222, 242.676.

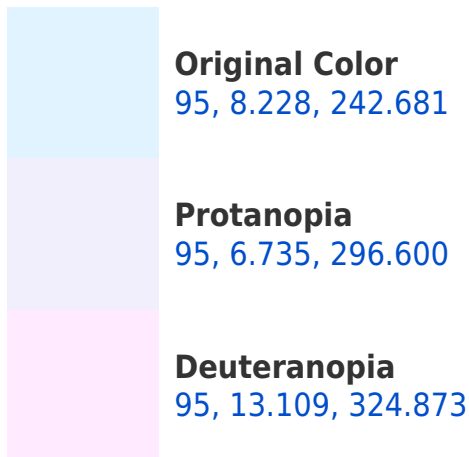


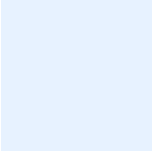
This preview shows how white text looks on a background with the CIELCh color 95, 8.222, 242.676.

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](#).

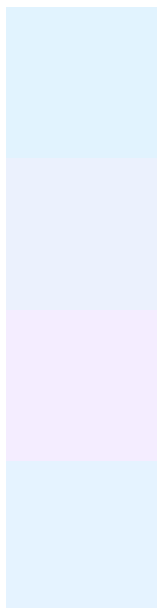
Dichromacy





Tritanopia
95, 7.592, 261.110

Trichromacy



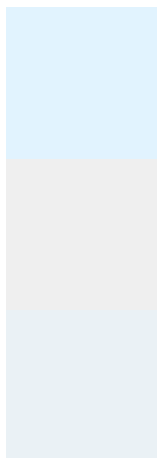
Original Color
95, 8.228, 242.681

Protanomaly
95, 6.468, 272.090

Deuteranomaly
95, 9.610, 305.448

Tritanomaly
95, 7.708, 252.497

Monochromacy



Original Color
95, 8.228, 242.681

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, 8.222, 242.676 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, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.222, 242.676 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, 243, 254) }
```

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

```
.border{ border-color:rgb(225, 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(225, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.222, 242.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 243, 254) }
```

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

```
.background{ background-color: rgb(225,  
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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