

Converting Colors

CIELCh(96, 22.622, 280.981)

Have a look what the booklet for
CIELCh(96, 22.622, 280.981)
contains.

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Color

CIELCh(95, 7.708, 252.497)

Conversions

Conversions Part 1

Format	Color
Hex	E5F3FF
RGB	229, 243, 255
RGB Percent	90%, 95%, 100%
CMY	0.1037, 0.0488, 0.0017
CMYK	0.10, 0.05, 0.00, 0.00
HSL	208°, 97%, 95%
HSV	208°, 10%, 100%
XYZ	82.0739, 87.6183, 106.8226
YIQ	240.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

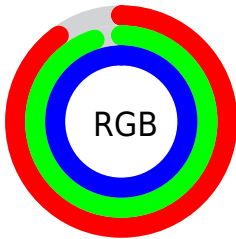
Format	Color
R _Y B	229, 238, 255
Decimal	15070207
CIE Lab	95.00, -2.32, -7.35
CIE LCh	95, 7.708, 252.497
Yxy	87.6183, 0.2968, 0.3169
Android (android.graphics.Color)	4293260287 (0xFFE5F3FF)
YUV	240.1820, 7.3053, -9.8066
Hunter-Lab	93.6047, -7.2968, -2.1391

Details

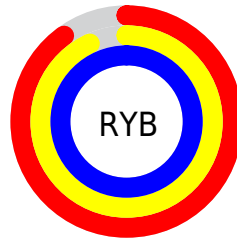
The CIELCh color `95, 7.708, 252.497` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.950, 69.868`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.647, 250.271` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.116, 253.975`, and if you desaturate by 10%, it is `100, 0.168, 253.981`.

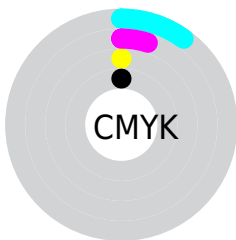
Distribution



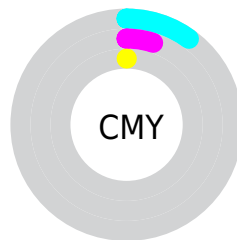
- Red (90%)
- Green (95%)
- Blue (100%)



- Red (90%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.708, 252.497 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, 7.708, 252.497 by changing the saturation by 10% instead.

 95, 7.708, 252.497

 95, 7.708, 252.497

 100, 7.708,
252.497

 85, 7.708, 252.497

 75, 7.708, 252.497

 65, 7.708, 252.497

 55, 7.708, 252.497

 45, 7.708, 252.497

 35, 7.708, 252.497

 25, 7.708, 252.497

 15, 7.708, 252.497

 5, 7.708, 252.497

95, 7.708, 252.497

95, 7.708, 252.497

90, 15.116,
253.975

100, 0.168,
253.981

86, 22.353,
255.794

100, 0.211,
109.796

81, 29.381,
257.989

77, 36.174,
260.626

72, 42.730,
263.769

68, 49.089,
267.456

64, 55.339,
271.673

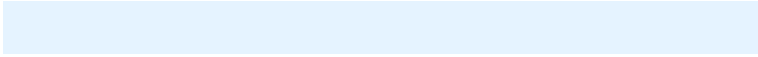
61, 61.616,
276.319

■ 57, 67.949,
281.015

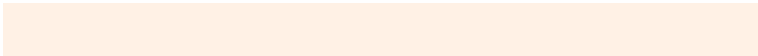
Harmonies

Complementary

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



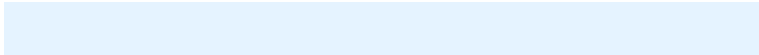
95, 7.708, 252.497



96, 7.950, 69.868

Rectangle

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



95, 7.708, 252.497



95, 7.708, 302.497



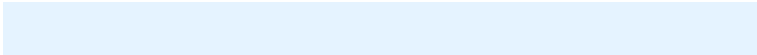
95, 7.708, 72.497



95, 7.708, 122.497

Sweetspot

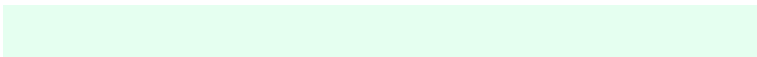
The Sweet Spot groups the original color and five complimentary colors.



95, 7.707, 252.481



99, 2.285, 251.687



98, 11.722, 160.261



52, 1.730, 251.742



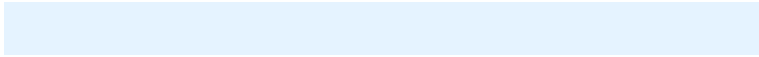
0, 0.000, 0.000



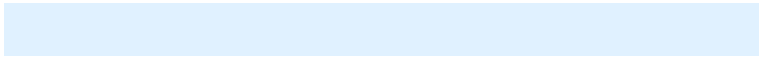
53, 0.007, 296.813

Same Dimension

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



95, 7.707, 252.481



94, 9.056, 252.725



92, 12.790, 289.219



51, 4.300, 252.388



43, 53.914, 280.133



13, 22.139, 273.288

Inverse Universe

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



93, 11.759, 342.421



92, 13.865, 342.582



99, 12.518, 107.066



50, 6.552, 342.358



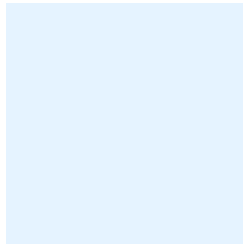
41, 68.818, 358.483



11, 32.286, 353.492

Previews

White Background



This preview shows how the CIE LCh color 95, 7.708, 252.497 looks on a white background.

Color Contrast Check

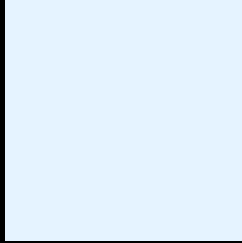
Large Text (above 18pt) WCAG AA × Fail

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, 7.708, 252.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

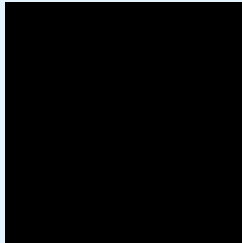
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

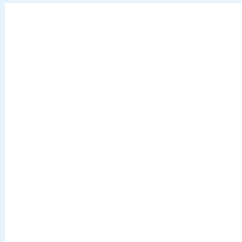
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.708, 252.497

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.708, 252.497.



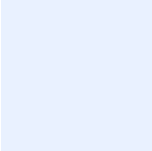
This preview shows how white text looks on a background with the CIELCh color 95, 7.708, 252.497.

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](#).

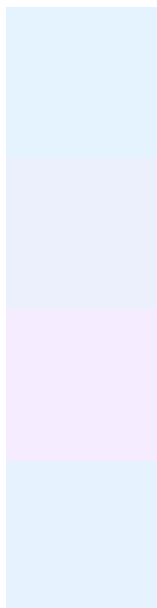
Dichromacy





Tritanopia
95, 7.647, 269.812

Trichromacy



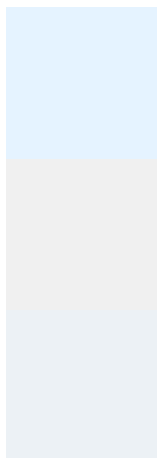
Original Color
95, 7.708, 252.497

Protanomaly
95, 6.802, 279.046

Deuteranomaly
95, 9.706, 307.427

Tritanomaly
95, 7.592, 261.110

Monochromacy



Original Color
95, 7.708, 252.497

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.678, 249.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.708, 252.497 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(229, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 255)  
}
```

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(229, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.708, 252.497 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(229, 243, 255) }
```

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

```
.border{ border-color:rgb(229, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.708, 252.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 255) }
```

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

```
.background{ background-color: rgb(229,  
243, 255) }
```

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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