

Converting Colors

CIELCh(95, 7.072, 306.347)

Have a look what the booklet for
CIELCh(95, 7.072, 306.347) contains.

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Color

CIELCh(95, 7.528, 306.787)

Conversions

Conversions Part 1

Format	Color
Hex	F4EEFC
RGB	244, 238, 252
RGB Percent	96%, 93%, 99%
CMY	0.0421, 0.0657, 0.0108
CMYK	0.03, 0.06, 0.00, 0.01
HSL	266°, 72%, 96%
HSV	266°, 6%, 99%
XYZ	85.6549, 87.6183, 104.7046
YIQ	241.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

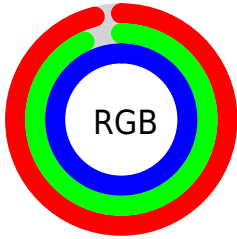
Format	Color
R_{YB}	244, 238, 252
Decimal	16051964
CIE _{Lab}	95.00, 4.51, -6.03
CIE _{LCh}	95, 7.528, 306.787
Yxy	87.6183, 0.3081, 0.3152
Android (android.graphics.Color)	4294242044 (0xFF4EEFC)
YUV	241.3900, 5.2307, 2.2890
Hunter-Lab	93.6047, -0.4681, -0.7976

Details

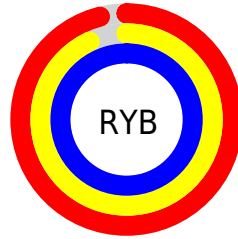
The CIELCh color **95, 7.528, 306.787** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 7.443, 126.283**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.392, 308.004** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.408, 307.314**, and if you desaturate by 10%, it is **100, 1.380, 110.019**.

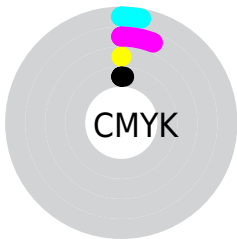
Distribution



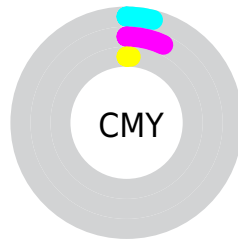
- Red (96%)
- Green (93%)
- Blue (99%)



- Red (96%)
- Yellow (93%)
- Blue (99%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (7%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.528, 306.787 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, 7.528, 306.787 by changing the saturation by 10% instead.

 95, 7.528, 306.787

 95, 7.528, 306.787

 100, 7.528,
306.787

 85, 7.528, 306.787

 75, 7.528, 306.787

 65, 7.528, 306.787

 55, 7.528, 306.787

 45, 7.528, 306.787

 35, 7.528, 306.787

 25, 7.528, 306.787

 15, 7.528, 306.787

 5, 7.528, 306.787

95, 7.528, 306.787

95, 7.528, 306.787

88, 21.408,
307.314

100, 1.380,
110.019

80, 35.709,
307.894

73, 50.360,
308.518

66, 65.212,
309.167

59, 79.982,
309.803

53, 94.164,
310.361

47, 106.947,
310.744

43, 117.229,
310.819

■ 39,123.916,
310.449

Harmonies

Complementary

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



95, 7.528, 306.787



98, 7.443, 126.283

Rectangle

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



95, 7.528, 306.787



95, 7.528, 356.787



95, 7.528, 126.787



95, 7.528, 176.787

Sweetspot

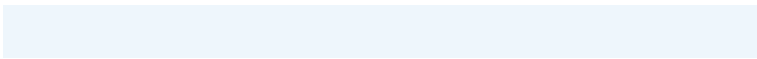
The Sweet Spot groups the original color and five complimentary colors.



95, 7.526, 306.781



99, 2.727, 306.583



97, 4.073, 246.647



53, 1.551, 306.576



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, 7.526, 306.781



95, 9.596, 306.857



96, 8.519, 322.424



49, 6.138, 306.888



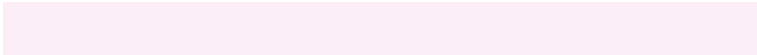
28, 101.049, 310.377



5, 43.145, 310.650

Inverse Universe

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



95, 6.459, 340.346



95, 8.231, 340.477



98, 8.490, 141.928



49, 5.264, 340.528



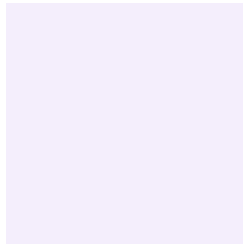
41, 68.871, 355.446



10, 31.904, 350.779

Previews

White Background



This preview shows how the CIE LCh color 95, 7.528, 306.787 looks on a white background.

Color Contrast Check

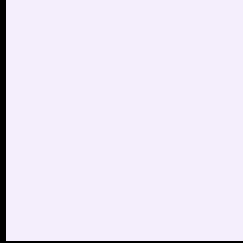
Large Text (above 18pt) WCAG AA × Fail

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, 7.528, 306.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

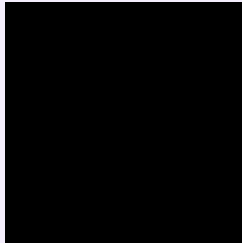
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

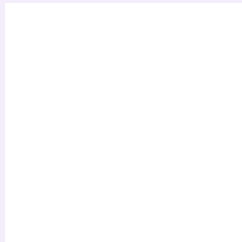
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.528, 306.787

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.528, 306.787.

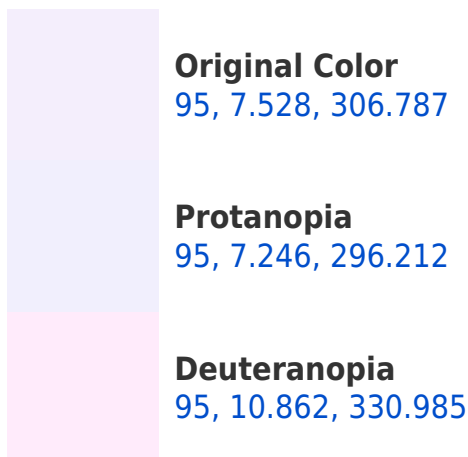


This preview shows how white text looks on a background with the CIELCh color 95, 7.528, 306.787.

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, 9.107, 306.246

Trichromacy



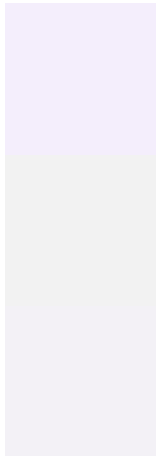
Original Color
95, 7.528, 306.787

Protanomaly
95, 7.291, 298.917

Deuteranomaly
95, 9.379, 324.739

Tritanomaly
95, 8.613, 307.143

Monochromacy



Original Color
95, 7.528, 306.787

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.678, 305.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.528, 306.787 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(244, 238, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 252)  
}
```

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(244, 238, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.528, 306.787 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(244, 238, 252) }
```

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

```
.border{ border-color:rgb(244, 238, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.528, 306.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 252) }
```

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

```
.background{ background-color: rgb(244,  
238, 252) }
```

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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