

Converting Colors

CIELCh(100, 85.143, 297.340)

Have a look what the booklet for
CIELCh(100, 85.143, 297.340)
contains.

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Color

CIELCh(95, 10.207, 306.619)

Conversions

Conversions Part 1

Format	Color
Hex	F5EDFF
RGB	245, 237, 255
RGB Percent	96%, 93%, 100%
CMY	0.0375, 0.0689, 0.0000
CMYK	0.04, 0.07, 0.00, 0.00
HSL	267°, 100%, 97%
HSV	267°, 7%, 100%
XYZ	86.4984, 87.6183, 108.1849
YIQ	241.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

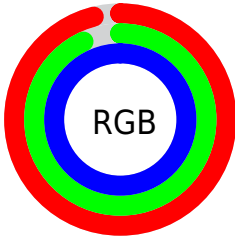
Format	Color
R _Y B	245, 237, 255
Decimal	16117247
CIE Lab	95.00, 6.09, -8.19
CIE LCh	95, 10.207, 306.619
Yxy	87.6183, 0.3064, 0.3104
Android (android.graphics.Color)	4294307327 (0xFFFF5EDFF)
YUV	241.4440, 6.6831, 3.1186
Hunter-Lab	93.6047, 1.1406, -3.0020

Details

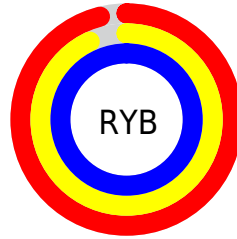
The CIELCh color **95, 10.207, 306.619** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 9.380, 127.200**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.682, 308.416** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.617, 308.332**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

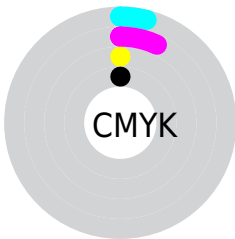
Distribution



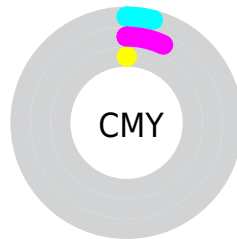
- Red (96%)
- Green (93%)
- Blue (100%)



- Red (96%)
- Yellow (93%)
- Blue (100%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.207, 306.619 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, 10.207, 306.619 by changing the saturation by 10% instead.


 95, 10.207,
306.619


 95, 10.207,
306.619


 100, 10.207,
306.619


 85, 10.207,
306.619

 75, 10.207,
306.619

 65, 10.207,
306.619

 55, 10.207,
306.619

 45, 10.207,
306.619

 35, 10.207,
306.619

 25, 10.207,

306.619

■ 15, 10.207,
306.619

■ 5, 10.207, 306.619

■ 95, 10.207,
306.619

■ 95, 10.207,
306.619

■ 88, 23.617,
308.332

100, 0.012,
296.813

■ 80, 38.139,
308.893

■ 73, 52.972,
309.488

■ 66, 67.939,
310.095

■ 60, 82.712,
310.674

■ 53, 96.733,
311.156

■ 48, 109.146,
311.440

■ 43, 118.848,
311.399

■ 40, 124.877,
310.913

Harmonies

Complementary

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



95, 10.207, 306.619



99, 9.380, 127.200

Rectangle

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



95, 10.207, 306.619



95, 10.207, 356.619



95, 10.207, 126.619



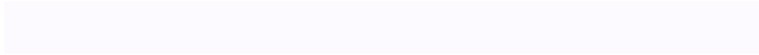
95, 10.207, 176.619

Sweetspot

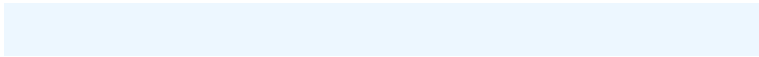
The Sweet Spot groups the original color and five complimentary colors.



95, 9.492, 307.814



99, 2.742, 307.551



97, 5.186, 250.745



53, 1.559, 307.544



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, 9.492, 307.814



94, 11.039, 307.870



96, 10.789, 323.430



49, 7.862, 307.946



29, 101.493, 310.909



6, 44.922, 311.668

Inverse Universe

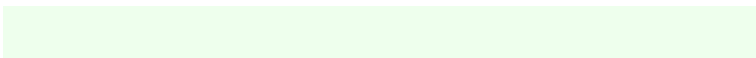
The Inverse Universe completely reimagines the original color for something new.



95, 7.949, 341.830



95, 9.240, 341.930



98, 10.761, 142.752



50, 6.577, 342.064



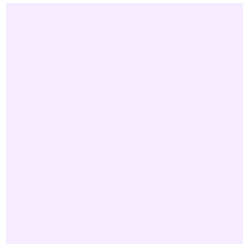
41, 68.930, 357.954



11, 32.356, 353.055

Previews

White Background



This preview shows how the CIELCh color 95, 10.207, 306.619 looks on a white background.

Color Contrast Check

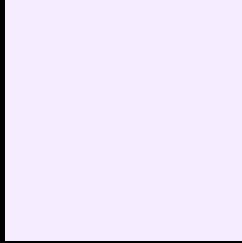
Large Text (above 18pt) WCAG AA × Fail

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, 10.207, 306.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

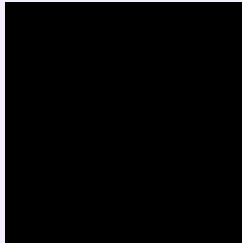
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 10.207, 306.619

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.207, 306.619.

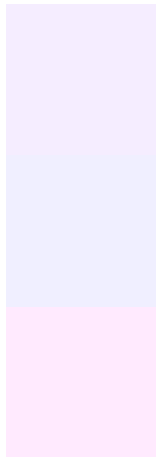


This preview shows how white text looks on a background with the CIELCh color 95, 10.207, 306.619.

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, 9.706, 307.427

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 9.706, 307.427

Trichromacy



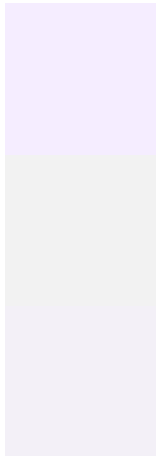
Original Color
95, 9.706, 307.427

Protanomaly
95, 8.877, 299.786

Deuteranomaly
95, 11.486, 321.905

Tritanomaly
95, 9.706, 307.427

Monochromacy



Original Color
95, 9.706, 307.427

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.767, 306.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.207, 306.619 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(245, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 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(245, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.207, 306.619 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(245, 237, 255) }
```

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

```
.border{ border-color:rgb(245, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.207, 306.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 255) }
```

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

```
.background{ background-color: rgb(245,  
237, 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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