

Converting Colors

CIELCh(95, 9.186, 307.870)

Have a look what the booklet for
CIELCh(95, 9.186, 307.870) contains.

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Color

CIELCh(95, 9.107, 306.246)

Conversions

Conversions Part 1

Format	Color
Hex	F5EEFF
RGB	245, 238, 255
RGB Percent	96%, 93%, 100%
CMY	0.0400, 0.0674, 0.0008
CMYK	0.04, 0.07, 0.00, 0.00
HSL	265°, 98%, 97%
HSV	265°, 7%, 100%
XYZ	86.1221, 87.6183, 106.8122
YIQ	242.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

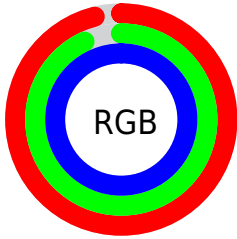
Format	Color
R_{YB}	245, 238, 255
Decimal	16117503
CIE _{Lab}	95.00, 5.38, -7.34
CIE _{LCh}	95, 9.107, 306.246
Yxy	87.6183, 0.3070, 0.3123
Android (android.graphics.Color)	4294307583 (0xFF5EEFF)
YUV	242.0310, 6.3937, 2.6038
Hunter-Lab	93.6047, 0.4228, -2.1325

Details

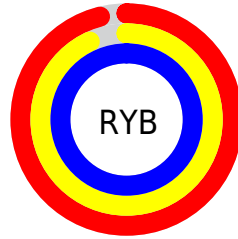
The CIELCh color `95, 9.107, 306.246` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.991, 125.612`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 9.049, 307.228` is the 20% darker color. If you saturate the color by 10%, you get `88, 23.114, 306.792`, and if you desaturate by 10%, it is `100, 0.089, 109.303`.

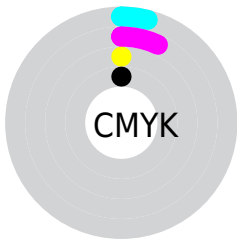
Distribution



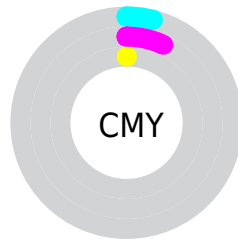
- Red (96%)
- Green (93%)
- Blue (100%)



- 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, 9.107, 306.246 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, 9.107, 306.246 by changing the saturation by 10% instead.

 95, 9.107, 306.246

 95, 9.107, 306.246

 100, 9.107,
306.246

 85, 9.107, 306.246

 75, 9.107, 306.246

 65, 9.107, 306.246

 55, 9.107, 306.246

 45, 9.107, 306.246

 35, 9.107, 306.246

 25, 9.107, 306.246

 15, 9.107, 306.246

 5, 9.107, 306.246

95, 9.107, 306.246

95, 9.107, 306.246

88, 23.114,
306.792

100, 0.089,
109.303

80, 37.551,
307.395

73, 52.346,
308.046

66, 67.344,
308.724

59, 82.246,
309.389

53, 96.518,
309.974

47, 109.300,
310.372

42, 119.431,
310.442

■ 39,125.814,
310.050

Harmonies

Complementary

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



95, 9.107, 306.246



99, 8.991, 125.612

Rectangle

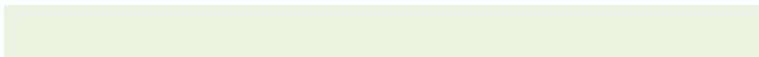
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.107, 306.246



95, 9.107, 356.246



95, 9.107, 126.246



95, 9.107, 176.246

Sweetspot

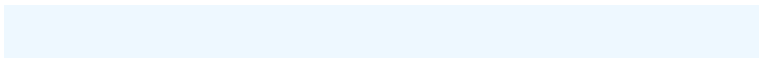
The Sweet Spot groups the original color and five complimentary colors.



95, 9.105, 306.241



99, 2.719, 305.981



97, 4.891, 244.732



53, 1.546, 305.974



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, 9.105, 306.241



94, 10.950, 306.312



96, 10.277, 322.013



49, 7.800, 306.393



28, 102.431, 310.051



5, 44.906, 310.495

Inverse Universe

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



96, 7.928, 339.633



95, 9.528, 339.747



98, 10.242, 141.401



50, 6.782, 339.875



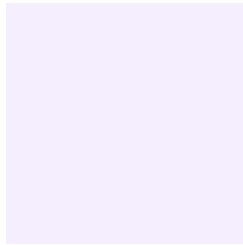
42, 70.011, 353.991



11, 32.969, 349.788

Previews

White Background



This preview shows how the CIE LCh color 95, 9.107, 306.246 looks on a white background.

Color Contrast Check

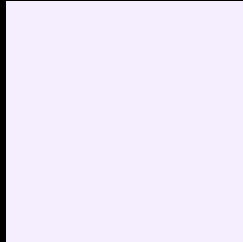
Large Text (above 18pt) WCAG AA × Fail

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, 9.107, 306.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

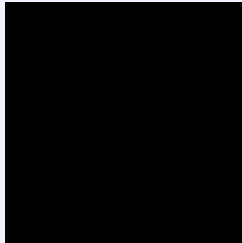
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

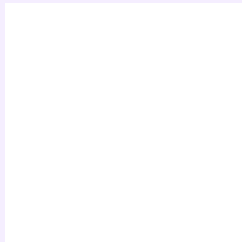
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.107, 306.246

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.107, 306.246.



This preview shows how white text looks on a background with the CIELCh color 95, 9.107, 306.246.

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, 9.107, 306.246

Protanopia

95, 8.243, 293.212

Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 9.107, 306.246

Trichromacy



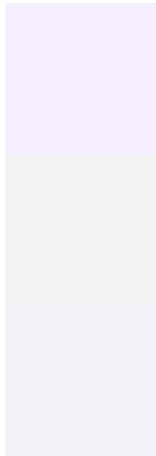
Original Color
95, 9.107, 306.246

Protanomaly
95, 8.309, 297.962

Deuteranomaly
95, 11.308, 320.376

Tritanomaly
95, 9.107, 306.246

Monochromacy



Original Color
95, 9.107, 306.246

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, 9.107, 306.246 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, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 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, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.107, 306.246 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, 238, 255) }
```

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

```
.border{ border-color:rgb(245, 238, 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, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.107, 306.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 255) }
```

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

```
.background{ background-color: rgb(245,  
238, 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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