

Converting Colors

CIELCh(96, 24.946, 296.572)

Have a look what the booklet for
CIELCh(96, 24.946, 296.572)
contains.

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Color

CIELCh(95, 9.018, 304.126)

Conversions

Conversions Part 1

Format	Color
Hex	F4EEFF
RGB	244, 238, 255
RGB Percent	96%, 93%, 100%
CMY	0.0431, 0.0666, 0.0000
CMYK	0.04, 0.07, 0.00, 0.00
HSL	261°, 100%, 97%
HSV	261°, 7%, 100%
XYZ	85.9485, 87.6183, 107.0066
YIQ	241.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

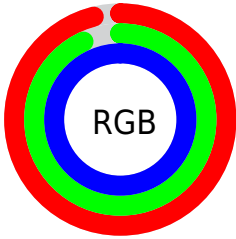
Format	Color
R_{YB}	244, 238, 255
Decimal	16051967
CIE _{Lab}	95.00, 5.06, -7.47
CIE _{LCh}	95, 9.018, 304.126
Yxy	87.6183, 0.3063, 0.3123
Android (android.graphics.Color)	4294242047 (0xFF4E4EFF)
YUV	241.7320, 6.5411, 1.9890
Hunter-Lab	93.6047, 0.0918, -2.2556

Details

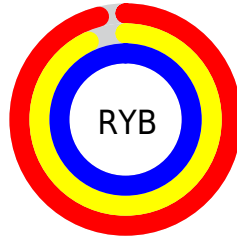
The CIELCh color `95, 9.018, 304.126` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.883, 123.446`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.951, 304.998` is the 20% darker color. If you saturate the color by 10%, you get `87, 22.909, 304.741`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

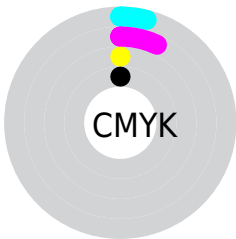
Distribution



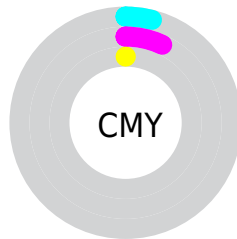
- Red (96%)
- Green (93%)
- Blue (100%)



- 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, 9.018, 304.126 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, 9.018, 304.126 by changing the saturation by 10% instead.

 95, 9.018, 304.126

 95, 9.018, 304.126

 100, 9.018,
304.126

 85, 9.018, 304.126

 75, 9.018, 304.126

 65, 9.018, 304.126

 55, 9.018, 304.126

 45, 9.018, 304.126

 35, 9.018, 304.126

 25, 9.018, 304.126

 15, 9.018, 304.126

 5, 9.018, 304.126

95, 9.018, 304.126

95, 9.018, 304.126

87, 22.909,
304.741

100, 0.012,
296.813

80, 37.276,
305.414

73, 52.055,
306.152

65, 67.120,
306.940

58, 82.200,
307.739

52, 96.783,
308.479

46, 109.997,
309.046

41, 120.588,
309.282

■ 38,127.299,
309.030

Harmonies

Complementary

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



95, 9.018, 304.126



99, 8.883, 123.446

Rectangle

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



95, 9.018, 304.126



95, 9.018, 354.126



95, 9.018, 124.126



95, 9.018, 174.126

Sweetspot

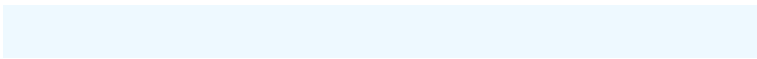
The Sweet Spot groups the original color and five complimentary colors.



95, 9.005, 304.137



98, 2.692, 303.861



97, 4.814, 238.503



53, 1.530, 303.854



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, 9.005, 304.137



94, 10.845, 304.214



96, 10.112, 320.567



49, 7.726, 304.302



27, 103.621, 309.062



5, 44.841, 308.998

Inverse Universe

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



96, 8.254, 336.950



95, 9.931, 337.058



99, 10.070, 139.991



50, 7.067, 337.177



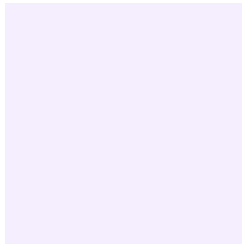
42, 72.006, 349.064



11, 33.958, 345.743

Previews

White Background



This preview shows how the CIELCh color 95, 9.018, 304.126 looks on a white background.

Color Contrast Check

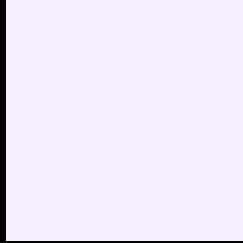
Large Text (above 18pt) WCAG AA × Fail

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, 9.018, 304.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

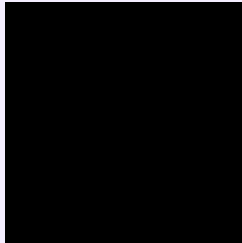
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.018, 304.126

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.018, 304.126.



This preview shows how white text looks on a background with the CIELCh color 95, 9.018, 304.126.

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, 9.018, 304.126

Protanopia

95, 8.243, 293.212

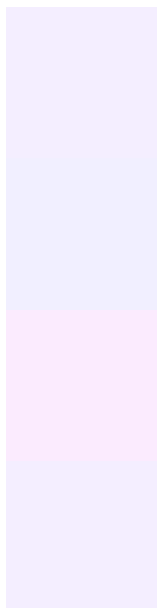
Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 9.018, 304.126

Trichromacy



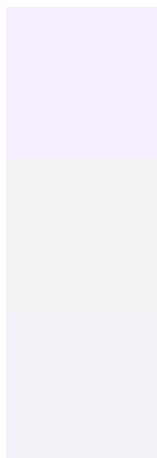
Original Color
95, 9.018, 304.126

Protanomaly
95, 8.269, 295.594

Deuteranomaly
95, 11.308, 320.376

Tritanomaly
95, 9.018, 304.126

Monochromacy



Original Color
95, 9.018, 304.126

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.176, 303.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.018, 304.126 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.018, 304.126 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, 255) }
```

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

```
.border{ border-color:rgb(244, 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(244, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.018, 304.126 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, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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