

Converting Colors

CIELCh(95, 7.211, 293.482)

Have a look what the booklet for
CIELCh(95, 7.211, 293.482) contains.

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Color

CIELCh(95, 7.217, 293.484)

Conversions

Conversions Part 1

Format	Color
Hex	F0EFFF
RGB	240, 239, 253
RGB Percent	94%, 94%, 99%
CMY	0.0575, 0.0614, 0.0065
CMYK	0.05, 0.06, 0.00, 0.01
HSL	244°, 81%, 97%
HSV	244°, 6%, 99%
XYZ	84.7894, 87.6183, 105.6467
YIQ	240.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

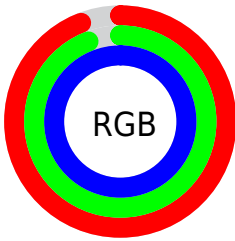
Format	Color
R _Y B	240, 239, 253
Decimal	15790077
CIE Lab	95.00, 2.88, -6.62
CIE LCh	95, 7.217, 293.484
Yxy	87.6183, 0.3049, 0.3151
Android (android.graphics.Color)	4293980157 (0xFFFF0E _{FFD})
YUV	240.8950, 5.9678, -0.7849
Hunter-Lab	93.6047, -2.1185, -1.3943

Details

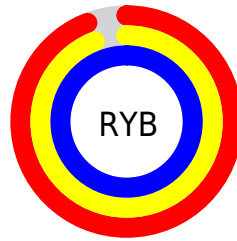
The CIELCh color `95, 7.217, 293.484` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 7.109, 112.500`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.045, 293.786` is the 20% darker color. If you saturate the color by 10%, you get `87, 20.666, 294.476`, and if you desaturate by 10%, it is `100, 0.835, 110.023`.

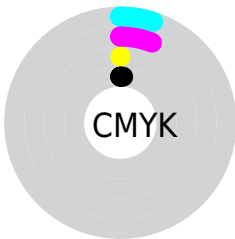
Distribution



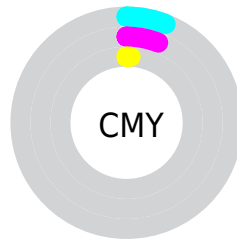
- Red (94%)
- Green (94%)
- Blue (99%)



- Red (94%)
- Yellow (94%)
- Blue (99%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.217, 293.484 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, 7.217, 293.484 by changing the saturation by 10% instead.

95, 7.217, 293.484

95, 7.217, 293.484

100, 7.217,
293.484

85, 7.217, 293.484

75, 7.217, 293.484

65, 7.217, 293.484

55, 7.217, 293.484

45, 7.217, 293.484

35, 7.217, 293.484

25, 7.217, 293.484

15, 7.217, 293.484

5, 7.217, 293.484

95, 7.217, 293.484

95, 7.217, 293.484

87, 20.666,
294.476

100, 0.835,
110.023

79, 34.685,
295.653

71, 49.300,
297.025

63, 64.495,
298.599

55, 80.149,
300.356

48, 95.873,
302.215

41, 110.749,
304.004

36, 123.083,
305.447

■ 33,130.770,
306.244

Harmonies

Complementary

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



95, 7.217, 293.484



99, 7.109, 112.500

Rectangle

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



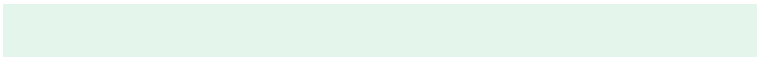
95, 7.217, 293.484



95, 7.217, 343.484



95, 7.217, 113.484



95, 7.217, 163.484

Sweetspot

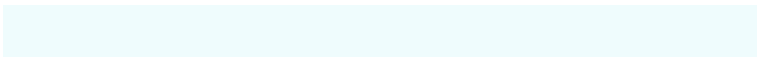
The Sweet Spot groups the original color and five complimentary colors.



95, 7.215, 293.474



98, 2.614, 293.168



98, 4.524, 205.313



52, 1.486, 293.160



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, 7.215, 293.474



94, 9.211, 293.612



96, 7.739, 311.575



50, 5.992, 293.669



23, 107.418, 306.494



4, 44.296, 303.173

Inverse Universe

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



96, 8.322, 326.692



96, 10.606, 326.785



99, 7.672, 131.151



51, 6.894, 326.822



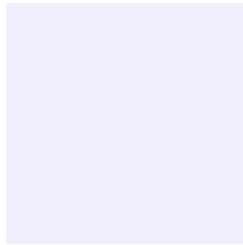
45, 88.015, 331.292



12, 40.765, 330.899

Previews

White Background



This preview shows how the CIE LCh color 95, 7.217, 293.484 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, 7.217, 293.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

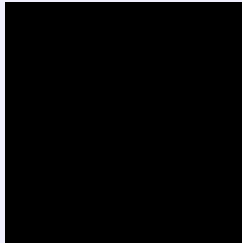
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.217, 293.484

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.217, 293.484.

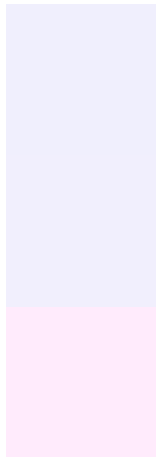


This preview shows how white text looks on a background with the CIELCh color 95, 7.217, 293.484.

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, 7.217, 293.484

Protanopia

95, 7.246, 296.212

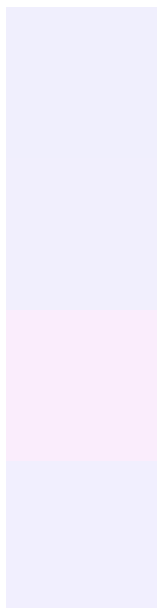
Deuteranopia

95, 11.254, 329.283



Tritanopia
95, 8.269, 295.594

Trichromacy



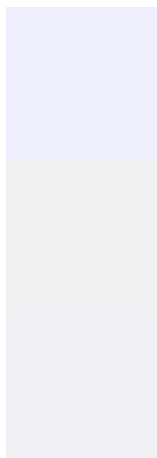
Original Color
95, 7.217, 293.484

Protanomaly
95, 7.246, 296.212

Deuteranomaly
95, 8.995, 321.017

Tritanomaly
95, 7.757, 295.880

Monochromacy



Original Color
95, 7.217, 293.484

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.606, 298.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.217, 293.484 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(240, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 253)  
}
```

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(240, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.217, 293.484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

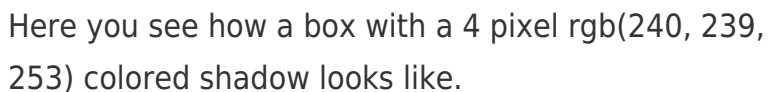
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 239, 253) }
```

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

```
.border{ border-color:rgb(240, 239, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.217, 293.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 253) }
```

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

```
.background{ background-color: rgb(240,  
239, 253) }
```

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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