

Converting Colors

CIELCh(95, 7.280, 289.985)

Have a look what the booklet for
CIELCh(95, 7.280, 289.985) contains.

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Color

CIELCh(95, 7.201, 288.005)

Conversions

Conversions Part 1

Format	Color
Hex	EFF0FE
RGB	239, 240, 254
RGB Percent	94%, 94%, 100%
CMY	0.0637, 0.0598, 0.0049
CMYK	0.06, 0.06, 0.00, 0.00
HSL	236°, 86%, 97%
HSV	236°, 6%, 100%
XYZ	84.4463, 87.6183, 106.0139
YIQ	241.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

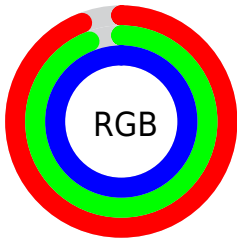
Format	Color
R _Y B	239, 240, 254
Decimal	15724798
CIE Lab	95.00, 2.23, -6.85
CIE LCh	95, 7.201, 288.005
Yxy	87.6183, 0.3037, 0.3151
Android (android.graphics.Color)	4293914878 (0xFFEFF0FE)
YUV	241.2970, 6.2626, -2.0145
Hunter-Lab	93.6047, -2.7728, -1.6269

Details

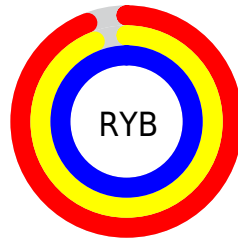
The CIELCh color **95, 7.201, 288.005** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 7.100, 106.736**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.027, 287.912** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.731, 289.191**, and if you desaturate by 10%, it is **100, 0.624, 110.007**.

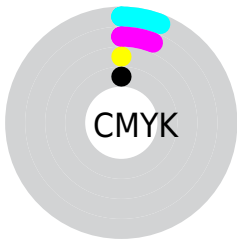
Distribution



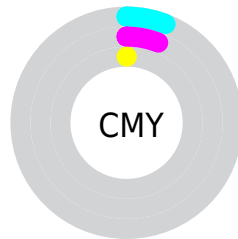
- Red (94%)
- Green (94%)
- Blue (100%)



- Red (94%)
- Yellow (94%)
- Blue (100%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.201, 288.005 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, 7.201, 288.005 by changing the saturation by 10% instead.

95, 7.201, 288.005

95, 7.201, 288.005

100, 7.201,
288.005

85, 7.201, 288.005

75, 7.201, 288.005

65, 7.201, 288.005

55, 7.201, 288.005

45, 7.201, 288.005

35, 7.201, 288.005

25, 7.201, 288.005

15, 7.201, 288.005

5, 7.201, 288.005

95, 7.201, 288.005

95, 7.201, 288.005

87, 19.731,
289.191

100, 0.624,
110.007

79, 32.763,
290.610

72, 46.336,
292.278

64, 60.477,
294.219

56, 75.155,
296.429

49, 90.169,
298.850

43, 104.927,
301.322

38, 118.148,
303.571

■ 34, 127.896,
305.259

Harmonies

Complementary

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



95, 7.201, 288.005



99, 7.100, 106.736

Rectangle

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



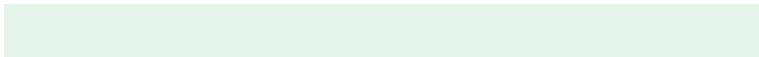
95, 7.201, 288.005



95, 7.201, 338.005



95, 7.201, 108.005



95, 7.201, 158.005

Sweetspot

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



95, 7.199, 287.994



98, 2.436, 287.603



98, 5.226, 192.190



53, 1.385, 287.595



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, 7.199, 287.994



95, 8.576, 288.114



95, 8.040, 306.381



50, 5.578, 288.182



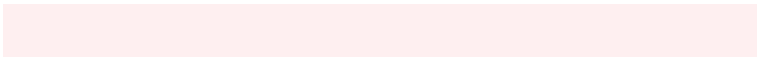
24, 104.773, 305.506



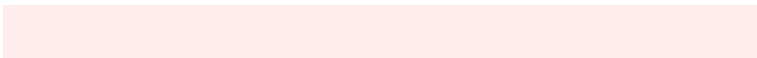
4, 42.002, 300.600

Inverse Universe

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



96, 5.383, 14.188



95, 6.426, 14.296



99, 7.947, 125.835



50, 4.184, 14.354



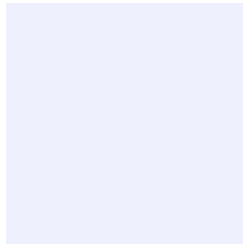
40, 81.456, 37.465



10, 32.837, 24.480

Previews

White Background



This preview shows how the CIELCh color 95, 7.201, 288.005 looks on a white background.

Color Contrast Check

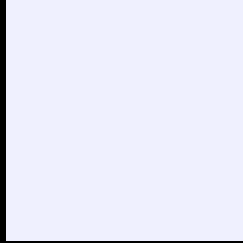
Large Text (above 18pt) WCAG AA × Fail

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, 7.201, 288.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

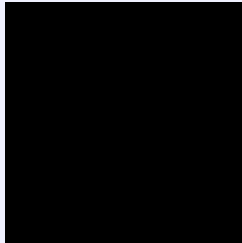
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.201, 288.005

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.201, 288.005.

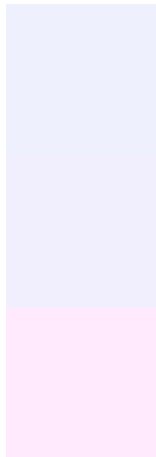


This preview shows how white text looks on a background with the CIELCh color 95, 7.201, 288.005.

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, 7.201, 288.005

Protanopia

95, 7.246, 296.212

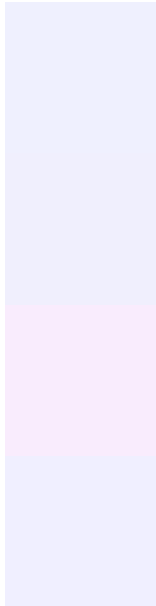
Deuteranopia

95, 12.281, 327.579



Tritanopia
95, 8.243, 293.212

Trichromacy



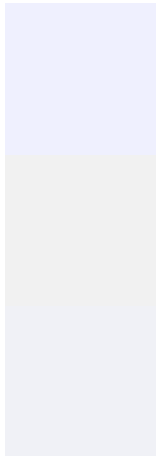
Original Color
95, 7.201, 288.005

Protanomaly
95, 7.217, 293.484

Deuteranomaly
95, 9.899, 318.012

Tritanomaly
95, 8.243, 293.212

Monochromacy



Original Color
95, 7.201, 288.005

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.594, 282.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.201, 288.005 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(239, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 254)  
}
```

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(239, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.201, 288.005 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(239, 240, 254) }
```

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

```
.border{ border-color:rgb(239, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.201, 288.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 254) }
```

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

```
.background{ background-color: rgb(239,  
240, 254) }
```

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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