

Converting Colors

CIELCh(95, 5.283, 286.616)

Have a look what the booklet for
CIELCh(95, 5.283, 286.616) contains.

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Color

CIELCh(95, 5.151, 286.733)

Conversions

Conversions Part 1

Format	Color
Hex	EFF0FA
RGB	239, 240, 250
RGB Percent	94%, 94%, 98%
CMY	0.0625, 0.0586, 0.0194
CMYK	0.04, 0.04, 0.00, 0.02
HSL	235°, 53%, 96%
HSV	235°, 4%, 98%
XYZ	84.0554, 87.6183, 102.9703
YIQ	240.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

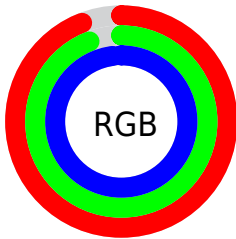
Format	Color
R _Y B	239, 240, 250
Decimal	15724794
CIE Lab	95.00, 1.48, -4.93
CIE LCh	95, 5.151, 286.733
Yxy	87.6183, 0.3061, 0.3190
Android (android.graphics.Color)	4293914874 (0xFFEFF0FA)
YUV	240.8410, 4.5154, -1.6146
Hunter-Lab	93.6047, -3.5182, 0.3010

Details

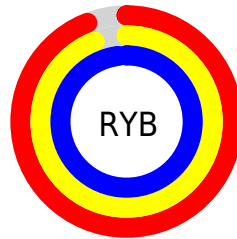
The CIELCh color **95, 5.151, 286.733** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.089, 105.746**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.411, 286.860** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.136, 287.897**, and if you desaturate by 10%, it is **100, 2.495, 109.961**.

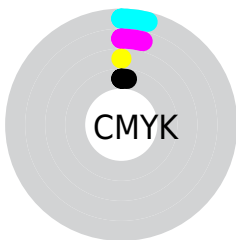
Distribution



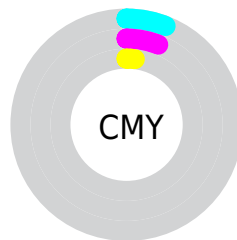
- Red (94%)
- Green (94%)
- Blue (98%)



- Red (94%)
- Yellow (94%)
- Blue (98%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)




- Cyan (6%)
- Magenta (6%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 5.151, 286.733 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, 5.151, 286.733 by changing the saturation by 10% instead.

 95, 5.151, 286.733

 95, 5.151, 286.733

 100, 5.151,
286.733


 85, 5.151, 286.733

 75, 5.151, 286.733

 65, 5.151, 286.733

 55, 5.151, 286.733

 45, 5.151, 286.733

 35, 5.151, 286.733

 25, 5.151, 286.733

 15, 5.151, 286.733

 5, 5.151, 286.733

95, 5.151, 286.733

95, 5.151, 286.733

87, 17.136,
287.897

100, 2.495,
109.961

80, 29.582,
289.302

72, 42.527,
290.953

65, 56.004,
292.880

58, 70.011,
295.090

51, 84.433,
297.543

44, 98.864,
300.115

39, 112.349,
302.568

■ 34,123.242,
304.580

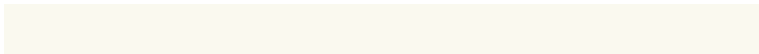
Harmonies

Complementary

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



95, 5.151, 286.733



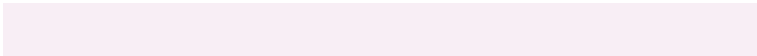
98, 5.089, 105.746

Rectangle

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



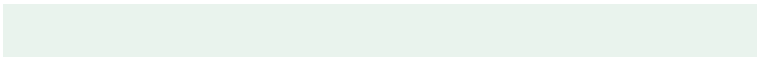
95, 5.151, 286.733



95, 5.151, 336.733



95, 5.151, 106.733



95, 5.151, 156.733

Sweetspot

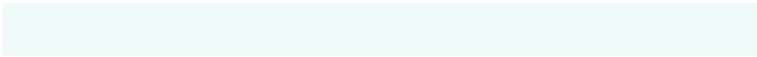
The Sweet Spot groups the original color and five complimentary colors.



95, 5.149, 286.717



99, 1.191, 286.431



97, 3.869, 190.971



53, 0.677, 286.432



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, 5.149, 286.717



96, 5.950, 286.781



95, 5.884, 305.702



50, 3.997, 286.856



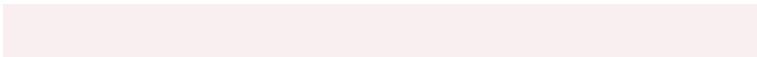
24, 102.349, 305.130



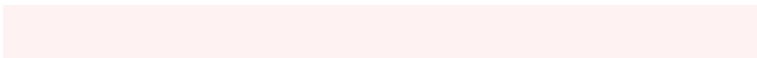
4, 39.327, 299.252

Inverse Universe

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



95, 3.955, 12.052



97, 4.575, 12.122



98, 5.823, 125.304



50, 3.077, 12.197



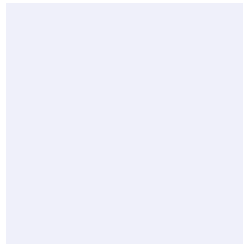
39, 79.549, 36.346



9, 31.572, 22.446

Previews

White Background



This preview shows how the CIELCh color 95, 5.151, 286.733 looks on a white background.

Color Contrast Check

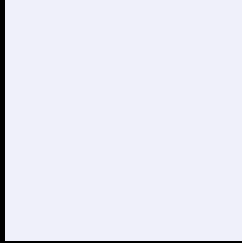
Large Text (above 18pt) WCAG AA × Fail

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, 5.151, 286.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

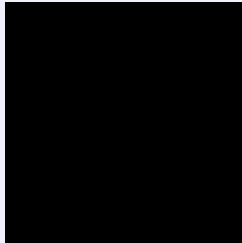
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

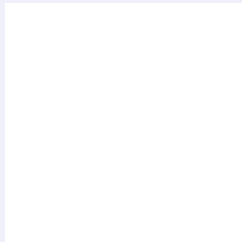
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.151, 286.733

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.151, 286.733.

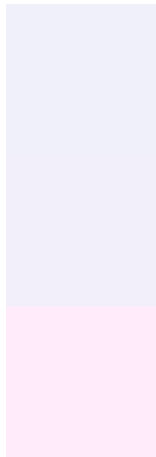


This preview shows how white text looks on a background with the CIELCh color 95, 5.151, 286.733.

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, 5.151, 286.733

Protanopia

95, 5.771, 301.032

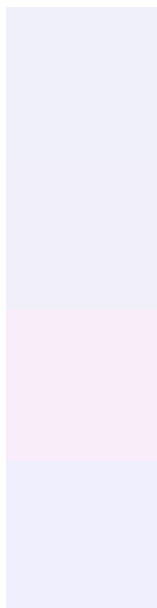
Deuteranopia

95, 10.113, 334.785



Tritanopia
95, 8.243, 293.212

Trichromacy



Original Color
95, 5.151, 286.733

Protanomaly
95, 5.714, 297.606

Deuteranomaly
95, 7.510, 324.667

Tritanomaly
95, 7.217, 293.484

Monochromacy



Original Color
95, 5.151, 286.733

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.584, 277.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.151, 286.733 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.151, 286.733 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, 250) }
```

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

```
.border{ border-color:rgb(239, 240, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.151, 286.733 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, 250) }
```

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

```
.background{ background-color: rgb(239,  
240, 250) }
```

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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