

Converting Colors

CIELCh(95, 4.762, 284.647)

Have a look what the booklet for
CIELCh(95, 4.762, 284.647) contains.

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Color

CIELCh(95, 4.639, 286.261)

Conversions

Conversions Part 1

Format	Color
Hex	EFF0F9
RGB	239, 240, 249
RGB Percent	94%, 94%, 98%
CMY	0.0622, 0.0583, 0.0230
CMYK	0.04, 0.04, 0.00, 0.02
HSL	234°, 46%, 96%
HSV	234°, 4%, 98%
XYZ	83.9587, 87.6183, 102.2177
YIQ	240.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

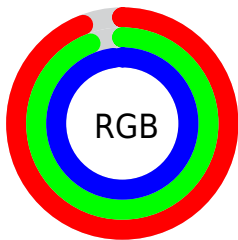
Format	Color
R _{YB}	239, 240, 249
Decimal	15724793
CIE Lab	95.00, 1.30, -4.45
CIE LCh	95, 4.639, 286.261
Yxy	87.6183, 0.3066, 0.3200
Android (android.graphics.Color)	4293914873 (0xFFEFF0F9)
YUV	240.7270, 4.0786, -1.5146
Hunter-Lab	93.6047, -3.7025, 0.7777

Details

The CIELCh color **95, 4.639, 286.261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.585, 105.341**, 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, 4.873, 286.376** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.451, 287.420**, and if you desaturate by 10%, it is **100, 2.964, 109.931**.

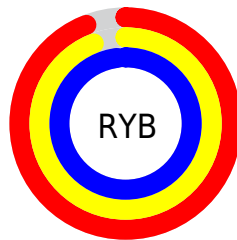
Distribution



Red (94%)

Green (94%)

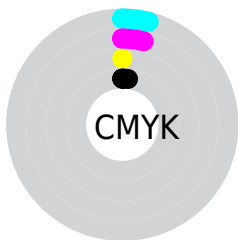
Blue (98%)



Red (94%)

Yellow (94%)

Blue (98%)

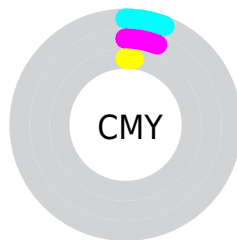


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (2%)



Cyan (6%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.639, 286.261 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, 4.639, 286.261 by changing the saturation by 10% instead.

■ 95, 4.639, 286.261

■ 95, 4.639, 286.261

100, 4.639,
286.261

■ 85, 4.639, 286.261

■ 75, 4.639, 286.261

■ 65, 4.639, 286.261

■ 55, 4.639, 286.261

■ 45, 4.639, 286.261

■ 35, 4.639, 286.261

■ 25, 4.639, 286.261

■ 15, 4.639, 286.261

■ 5, 4.639, 286.261

95, 4.639, 286.261

95, 4.639, 286.261

88, 16.451,
287.420

100, 2.964,
109.931

80, 28.711,
288.824

73, 41.454,
290.475

65, 54.717,
292.402

58, 68.503,
294.615

51, 82.719,
297.081

45, 97.011,
299.685

39, 110.516,
302.202

■ 35,121.694,
304.314

Harmonies

Complementary

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



95, 4.639, 286.261



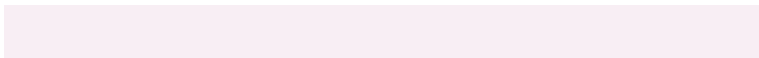
97, 4.585, 105.341

Rectangle

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



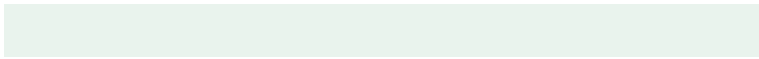
95, 4.639, 286.261



95, 4.639, 336.261



95, 4.639, 106.261



95, 4.639, 156.261

Sweetspot

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



95, 4.637, 286.243



99, 1.179, 285.999



97, 3.538, 189.655



53, 0.671, 286.000



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, 4.637, 286.243



96, 5.893, 286.347



95, 5.336, 305.079



50, 3.958, 286.423



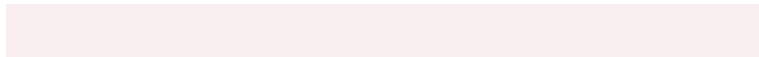
24, 101.781, 304.973



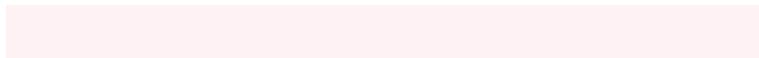
4, 39.056, 299.078

Inverse Universe

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



95, 3.600, 11.268



97, 4.583, 11.386



97, 5.280, 124.711



50, 3.083, 11.462



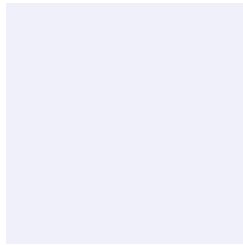
39, 79.124, 35.893



9, 31.517, 22.069

Previews

White Background



This preview shows how the CIELCh color 95, 4.639, 286.261 looks on a white background.

Color Contrast Check

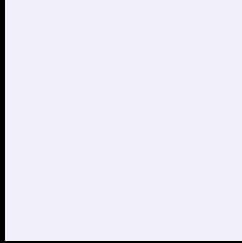
Large Text (above 18pt) WCAG AA × Fail

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, 4.639, 286.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

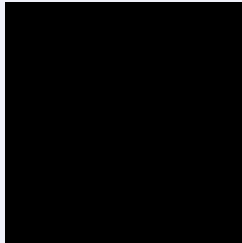
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

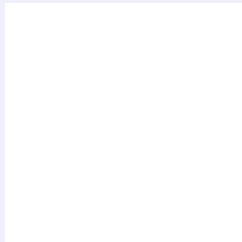
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.639, 286.261

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.639, 286.261.

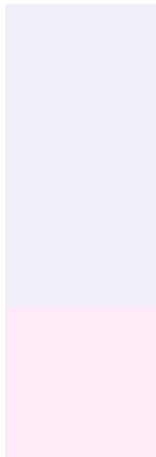


This preview shows how white text looks on a background with the CIELCh color 95, 4.639, 286.261.

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, 4.639, 286.261

Protanopia

95, 5.267, 302.023

Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 8.269, 295.594

Trichromacy



Original Color
95, 4.639, 286.261

Protanomaly
95, 5.204, 298.268

Deuteranomaly
95, 7.093, 327.003

Tritanomaly
95, 7.217, 293.484

Monochromacy



Original Color
95, 4.639, 286.261

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, 4.639, 286.261 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.639, 286.261 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, 249) }
```

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

```
.border{ border-color:rgb(239, 240, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.639, 286.261 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, 249) }
```

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

```
.background{ background-color: rgb(239,  
240, 249) }
```

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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