

Converting Colors

CIE LCh(95, 7.016, 278.104)

Have a look what the booklet for
CIELCh(95, 7.016, 278.104) contains.

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Color

CIELCh(95, 6.868, 276.239)

Conversions

Conversions Part 1

Format	Color
Hex	ECF1FE
RGB	236, 241, 254
RGB Percent	93%, 95%, 100%
CMY	0.0758, 0.0562, 0.0053
CMYK	0.07, 0.05, 0.00, 0.01
HSL	223°, 87%, 96%
HSV	223°, 7%, 99%
XYZ	83.6689, 87.6183, 105.9802
YIQ	240.9870, -7.1530, 2.9830

Conversions

Conversions Part 2

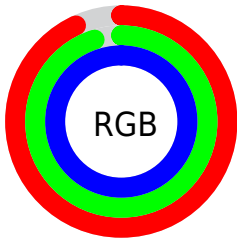
Format	Color
R_{YB}	236, 240, 254
Decimal	15528446
CIE _{Lab}	95.00, 0.75, -6.83
CIE _{LCh}	95, 6.868, 276.239
Yxy	87.6183, 0.3018, 0.3160
Android (android.graphics.Color)	4293718526 (0xFFECEF1FE)
YUV	240.9870, 6.4154, -4.3736
Hunter-Lab	93.6047, -4.2551, -1.6055

Details

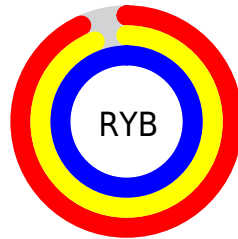
The CIELCh color **95, 6.868, 276.239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.830, 94.409**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.690, 275.254** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.715, 277.636**, and if you desaturate by 10%, it is **100, 0.669, 110.012**.

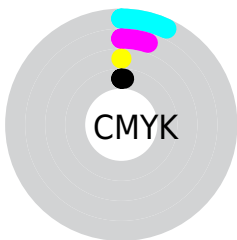
Distribution



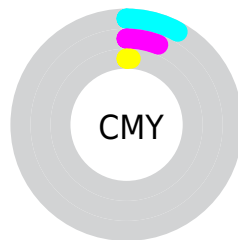
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (94%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (6%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.868, 276.239 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, 6.868, 276.239 by changing the saturation by 10% instead.

 95, 6.868, 276.239

 95, 6.868, 276.239

 100, 6.868,
276.239

 85, 6.868, 276.239

 75, 6.868, 276.239

 65, 6.868, 276.239

 55, 6.868, 276.239

 45, 6.868, 276.239

 35, 6.868, 276.239

 25, 6.868, 276.239

 15, 6.868, 276.239

 5, 6.868, 276.239

95, 6.868, 276.239

95, 6.868, 276.239

89, 16.715,
277.636

100, 0.669,
110.012

82, 26.793,
279.304

76, 37.118,
281.262

69, 47.721,
283.547

63, 58.639,
286.188

57, 69.903,
289.177

52, 81.492,
292.451

46, 93.237,
295.859

■ 42, 104.689,
299.158

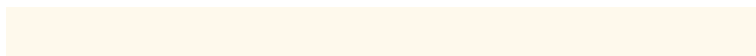
Harmonies

Complementary

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



95, 6.868, 276.239



98, 6.830, 94.409

Rectangle

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



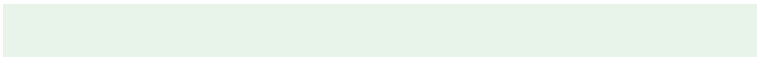
95, 6.868, 276.239



95, 6.868, 326.239



95, 6.868, 96.239



95, 6.868, 146.239

Sweetspot

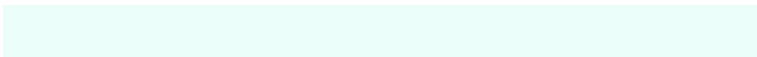
The Sweet Spot groups the original color and five complimentary colors.



95, 6.866, 276.225



99, 1.941, 275.666



98, 6.793, 176.555



53, 1.104, 275.661



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, 6.866, 276.225



94, 8.764, 276.474



94, 9.395, 299.119



50, 5.539, 276.541



30, 85.775, 299.477



7, 34.405, 294.668

Inverse Universe

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



95, 6.929, 358.093



94, 8.865, 358.304



99, 9.242, 118.169



50, 5.606, 358.359



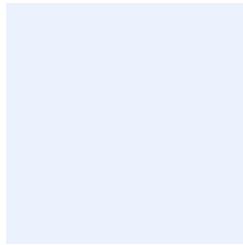
40, 71.483, 23.223



10, 31.558, 14.238

Previews

White Background



This preview shows how the CIELCh color 95, 6.868, 276.239 looks on a white background.

Color Contrast Check

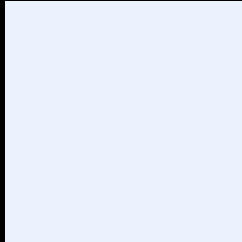
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 6.868, 276.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

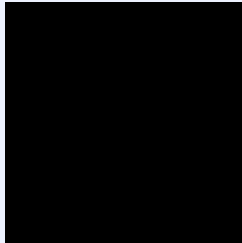
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

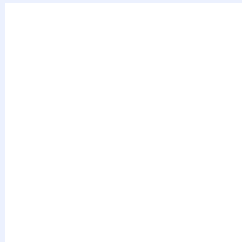
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.868, 276.239

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.868, 276.239.



This preview shows how white text looks on a background with the CIELCh color 95, 6.868, 276.239.

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

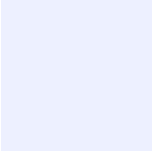
95, 6.868, 276.239

Protanopia

95, 7.246, 296.212

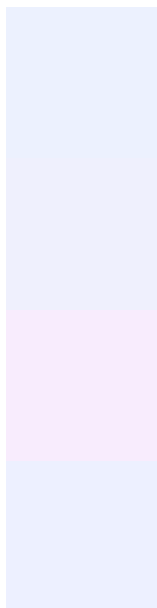
Deuteranopia

95, 12.281, 327.579



Tritanopia
95, 7.763, 283.171

Trichromacy



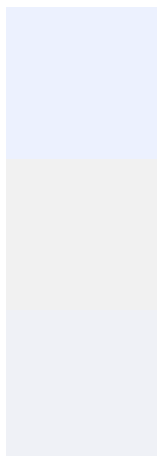
Original Color
95, 6.868, 276.239

Protanomaly
95, 6.688, 287.751

Deuteranomaly
95, 9.742, 316.180

Tritanomaly
95, 7.763, 283.171

Monochromacy



Original Color
95, 6.868, 276.239

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.658, 275.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.868, 276.239 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(236, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 241, 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(236, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.868, 276.239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

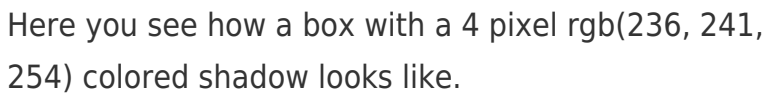
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 241, 254) }
```

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

```
.border{ border-color:rgb(236, 241, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.868, 276.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 241, 254) }
```

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

```
.background{ background-color: rgb(236,  
241, 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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