

Converting Colors

CIELCh(95, 9.552, 285.359)

Have a look what the booklet for
CIELCh(95, 9.552, 285.359) contains.

CIELCh(95, 7.763, 283.171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 7.763, 283.171)

Conversions

Conversions Part 1

Format	Color
Hex	EDF0FF
RGB	237, 240, 255
RGB Percent	93%, 94%, 100%
CMY	0.0702, 0.0585, 0.0000
CMYK	0.07, 0.06, 0.00, 0.00
HSL	230°, 100%, 96%
HSV	230°, 7%, 100%
XYZ	84.2057, 87.6183, 107.1578
YIQ	240.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

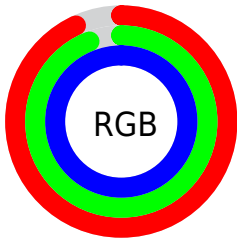
Format	Color
R _Y B	237, 240, 255
Decimal	15593727
CIE Lab	95.00, 1.77, -7.56
CIE LCh	95, 7.763, 283.171
Yxy	87.6183, 0.3018, 0.3141
Android (android.graphics.Color)	4293783807 (0xFFEDF0FF)
YUV	240.8130, 6.9942, -3.3440
Hunter-Lab	93.6047, -3.2316, -2.3514

Details

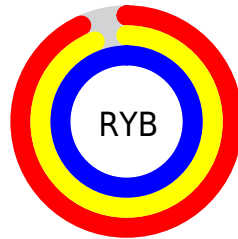
The CIELCh color **95, 7.763, 283.171** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 7.627, 101.476**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.621, 282.794** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.983, 284.418**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

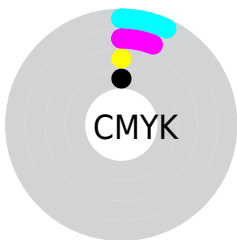
Distribution



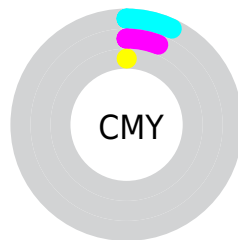
- Red (93%)
- Green (94%)
- Blue (100%)



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



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.763, 283.171 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, 7.763, 283.171 by changing the saturation by 10% instead.

95, 7.763, 283.171

95, 7.763, 283.171

100, 7.763,
283.171

85, 7.763, 283.171

75, 7.763, 283.171

65, 7.763, 283.171

55, 7.763, 283.171

45, 7.763, 283.171

35, 7.763, 283.171

25, 7.763, 283.171

15, 7.763, 283.171

5, 7.763, 283.171

95, 7.763, 283.171

95, 7.763, 283.171

88, 18.983,
284.418

100, 0.012,
296.813

81, 30.631,
285.964

74, 42.693,
287.778

66, 55.206,
289.892

59, 68.191,
292.317

53, 81.598,
295.022

47, 95.187,
297.899

41, 108.326,
300.739

■ 37,119.831,
303.242

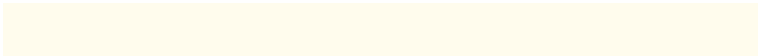
Harmonies

Complementary

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



95, 7.763, 283.171



99, 7.627, 101.476

Rectangle

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



95, 7.763, 283.171



95, 7.763, 333.171



95, 7.763, 103.171



95, 7.763, 153.171

Sweetspot

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



95, 7.714, 283.109



99, 2.188, 282.574



99, 6.430, 184.007



53, 1.244, 282.567



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, 7.714, 283.109



94, 8.799, 283.226



95, 9.454, 302.823



49, 6.267, 283.412



26, 97.581, 303.469



5, 38.783, 298.479

Inverse Universe

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



95, 6.590, 6.288



95, 7.528, 6.394



99, 9.316, 122.043



50, 5.373, 6.555



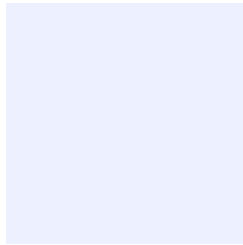
40, 76.570, 31.908



10, 32.175, 20.259

Previews

White Background



This preview shows how the CIELCh color 95, 7.763, 283.171 looks on a white background.

Color Contrast Check

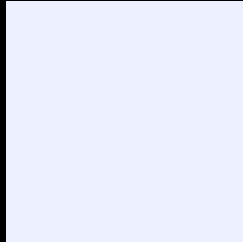
Large Text (above 18pt) WCAG AA × Fail

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, 7.763, 283.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

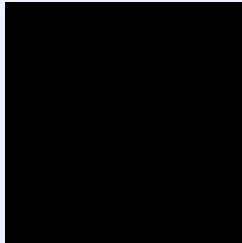
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.763, 283.171

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.763, 283.171.



This preview shows how white text looks on a background with the CIELCh color 95, 7.763, 283.171.

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, 7.763, 283.171

Protanopia

95, 7.757, 295.880

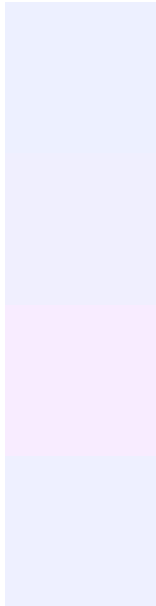
Deuteranopia

95, 13.109, 324.873



Tritanopia
95, 7.731, 285.690

Trichromacy



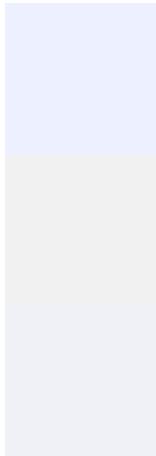
Original Color
95, 7.763, 283.171

Protanomaly
95, 7.730, 293.336

Deuteranomaly
95, 10.677, 313.821

Tritanomaly
95, 7.731, 285.690

Monochromacy



Original Color
95, 7.763, 283.171

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, 7.763, 283.171 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(237, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 255)  
}
```

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(237, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.763, 283.171 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(237, 240, 255) }
```

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

```
.border{ border-color:rgb(237, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.763, 283.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 255) }
```

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

```
.background{ background-color: rgb(237,  
240, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor