

Converting Colors

CIE LCh(95, 6.260, 278.036)

Have a look what the booklet for
CIELCh(95, 6.260, 278.036) contains.

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Color

CIELCh(95, 5.797, 276.869)

Conversions

Conversions Part 1

Format	Color
Hex	EDF1FC
RGB	237, 241, 252
RGB Percent	93%, 95%, 99%
CMY	0.0721, 0.0564, 0.0133
CMYK	0.06, 0.04, 0.00, 0.01
HSL	224°, 69%, 96%
HSV	224°, 6%, 99%
XYZ	83.6412, 87.6183, 104.2700
YIQ	241.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

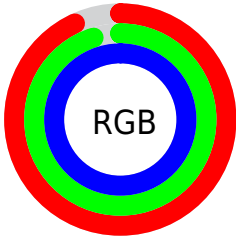
Format	Color
R _Y B	237, 240, 252
Decimal	15593980
CIE Lab	95.00, 0.69, -5.76
CIE LCh	95, 5.797, 276.869
Yxy	87.6183, 0.3036, 0.3180
Android (android.graphics.Color)	4293784060 (0xFFEDF1FC)
YUV	241.0580, 5.3944, -3.5589
Hunter-Lab	93.6047, -4.3081, -0.5222

Details

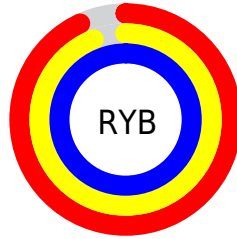
The CIELCh color `95, 5.797, 276.869` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.760, 95.325`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.565, 275.674` is the 20% darker color. If you saturate the color by 10%, you get `89, 15.683, 278.222`, and if you desaturate by 10%, it is `100, 1.711, 110.005`.

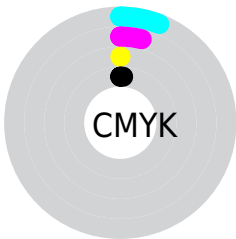
Distribution



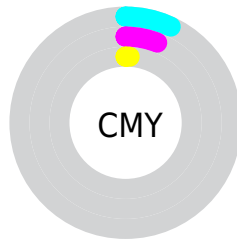
- Red (93%)
- Green (95%)
- Blue (99%)



- Red (93%)
- Yellow (94%)
- Blue (99%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.797, 276.869 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, 5.797, 276.869 by changing the saturation by 10% instead.

95, 5.797, 276.869

95, 5.797, 276.869

100, 5.797,
276.869

85, 5.797, 276.869

75, 5.797, 276.869

65, 5.797, 276.869

55, 5.797, 276.869

45, 5.797, 276.869

35, 5.797, 276.869

25, 5.797, 276.869

15, 5.797, 276.869

5, 5.797, 276.869

95, 5.797, 276.869

95, 5.797, 276.869

89, 15.683,
278.222

100, 1.711,
110.005

82, 25.811,
279.848

76, 36.200,
281.756

69, 46.879,
283.983

63, 57.884,
286.560

57, 69.247,
289.482

51, 80.942,
292.690

46, 92.795,
296.040

■ 41, 104.347,
299.297

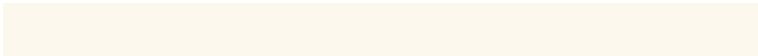
Harmonies

Complementary

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



95, 5.797, 276.869



97, 5.760, 95.325

Rectangle

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



95, 5.797, 276.869



95, 5.797, 326.869



95, 5.797, 96.869



95, 5.797, 146.869

Sweetspot

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



95, 5.795, 276.852



99, 1.964, 276.436



98, 5.673, 176.678



53, 1.117, 276.430



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, 5.795, 276.852



95, 6.887, 276.982



94, 7.825, 299.037



49, 4.404, 277.057



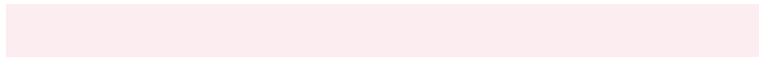
29, 86.139, 299.939



7, 33.531, 294.576

Inverse Universe

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



95, 5.738, 358.753



95, 6.829, 358.871



98, 7.713, 118.245



49, 4.370, 358.937



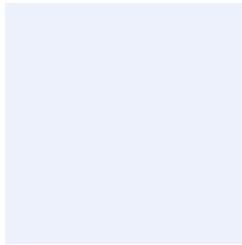
40, 71.176, 24.126



9, 30.689, 14.134

Previews

White Background



This preview shows how the CIELCh color 95, 5.797, 276.869 looks on a white background.

Color Contrast Check

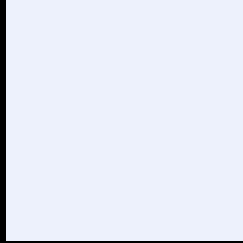
Large Text (above 18pt) WCAG AA × Fail

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, 5.797, 276.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

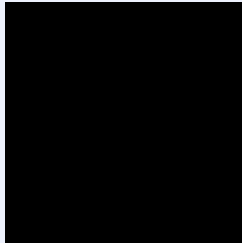
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

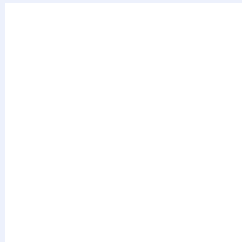
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.797, 276.869

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.797, 276.869.



This preview shows how white text looks on a background with the CIELCh color 95, 5.797, 276.869.

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, 5.797, 276.869

Protanopia

95, 6.277, 300.207

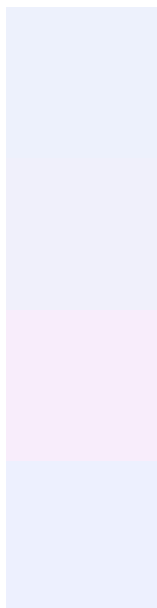
Deuteranopia

95, 10.862, 330.985



Tritanopia
95, 7.731, 285.690

Trichromacy



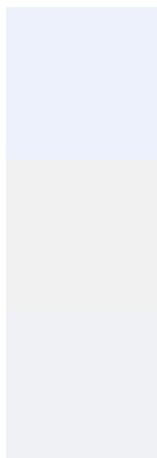
Original Color
95, 5.797, 276.869

Protanomaly
95, 5.658, 290.628

Deuteranomaly
95, 8.204, 318.597

Tritanomaly
95, 7.255, 282.580

Monochromacy



Original Color
95, 5.797, 276.869

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.168, 271.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.797, 276.869 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, 241, 252)` looks like.

```
.text, #text, p{  
    color:rgb(237, 241, 252)  
}
```

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, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 241, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.797, 276.869 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, 241, 252) }
```

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

```
.border{ border-color:rgb(237, 241, 252) }
```

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

Here you see how a box with a 4 pixel rgb(237, 241, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(237, 241,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.797, 276.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 241, 252) }
```

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

```
.background{ background-color: rgb(237,  
241, 252) }
```

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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