

Converting Colors

CIE LCh(94, 9.017, 278.821)

Have a look what the booklet for
CIELCh(94, 9.017, 278.821) contains.

| | |
|--|----|
| CIELCh(94, 8.953, 277.656) | 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(94, 8.953, 277.656)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8EEFF |
| RGB | 232, 238, 255 |
| RGB Percent | 91%, 93%, 100% |
| CMY | 0.0914, 0.0679, 0.0012 |
| CMYK | 0.09, 0.07, 0.00, 0.00 |
| HSL | 224°, 97%, 95% |
| HSV | 224°, 9%, 100% |
| XYZ | 81.6612, 85.2715, 106.4971 |
| YIQ | 238.1440, -9.0330, 4.0150 |

Conversions

Conversions Part 2

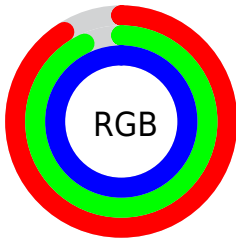
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 232, 237, 255 |
| Decimal | 15265535 |
| CIE Lab | 94.00, 1.19, -8.87 |
| CIE LCh | 94, 8.953, 277.656 |
| Yxy | 85.2715, 0.2987, 0.3119 |
| Android (android.graphics.Color) | 4293455615 (0xFFE8EEFF) |
| YUV | 238.1440, 8.3100, -5.3883 |
| Hunter-Lab | 92.3426, -3.7468, -3.7383 |

Details

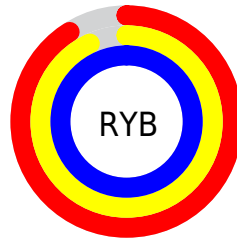
The CIELCh color `94, 8.953, 277.656` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 8.892, 95.377`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.880, 277.105` is the 20% darker color. If you saturate the color by 10%, you get `87, 19.082, 279.091`, and if you desaturate by 10%, it is `100, 0.147, 109.643`.

Distribution



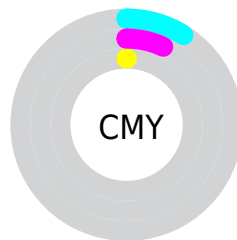
- Red (91%)
- Green (93%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.953, 277.656 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 94, 8.953, 277.656 by changing the saturation by 10% instead.

94, 8.953, 277.656

94, 8.953, 277.656

100, 8.953,
277.656

84, 8.953, 277.656

74, 8.953, 277.656

64, 8.953, 277.656

54, 8.953, 277.656

44, 8.953, 277.656

34, 8.953, 277.656

24, 8.953, 277.656

14, 8.953, 277.656

4, 8.953, 277.656

94, 8.953, 277.656

94, 8.953, 277.656

87, 19.082,
279.091

100, 0.147,
109.643

81, 29.470,
280.794

74, 40.139,
282.790

68, 51.121,
285.115

62, 62.455,
287.791

56, 74.157,
290.798

50, 86.159,
294.050

45, 98.189,
297.371

■ 40,109.645,
300.481

Harmonies

Complementary

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



94, 8.953, 277.656



98, 8.892, 95.377

Rectangle

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



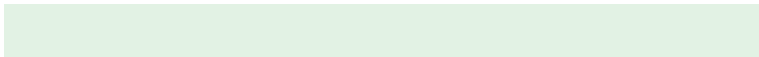
94, 8.953, 277.656



94, 8.953, 327.656



94, 8.953, 97.656



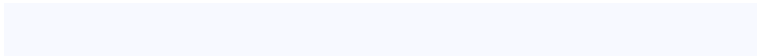
94, 8.953, 147.656

Sweetspot

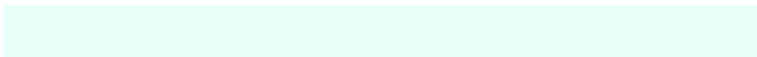
The Sweet Spot groups the original color and five complimentary colors.



94, 8.951, 277.646



98, 2.963, 276.921



98, 8.582, 177.543



52, 2.247, 277.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.951, 277.646



93, 10.940, 277.911



93, 12.058, 299.880



50, 5.645, 277.709



30, 87.773, 300.221



7, 35.172, 295.430

Inverse Universe

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



94, 8.816, 359.519



93, 10.800, 359.736



99, 11.825, 118.695



50, 5.563, 359.571



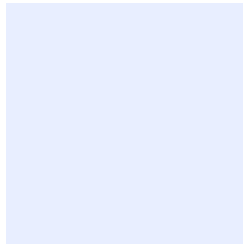
40, 72.159, 24.690



10, 31.642, 15.318

Previews

White Background



This preview shows how the CIELCh color 94, 8.953, 277.656 looks on a white background.

Color Contrast Check

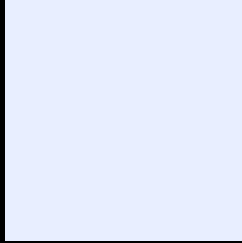
Large Text (above 18pt) WCAG AA × Fail

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 94, 8.953, 277.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

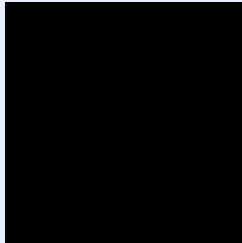
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.953, 277.656

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.953, 277.656.



This preview shows how white text looks on a background with the CIELCh color 94, 8.953, 277.656.

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](#).

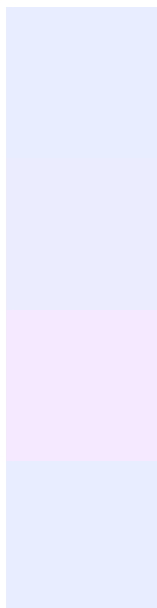
Dichromacy





Tritanopia
94, 9.400, 280.460

Trichromacy



Original Color
94, 8.953, 277.656

Protanomaly
94, 8.774, 286.389

Deuteranomaly
94, 12.020, 309.445

Tritanomaly
94, 9.400, 280.460

Monochromacy



Original Color
94, 8.953, 277.656

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.163, 277.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.953, 277.656 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(232, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 238, 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(232, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.953, 277.656 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(232, 238, 255) }
```

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

```
.border{ border-color:rgb(232, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 238,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.953, 277.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 255) }
```

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

```
.background{ background-color: rgb(232,  
238, 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