

Converting Colors

CIELCh(95, 20.206, 282.562)

Have a look what the booklet for
CIELCh(95, 20.206, 282.562)
contains.

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Color

CIELCh(94, 8.370, 266.787)

Conversions

Conversions Part 1

Format	Color
Hex	E5EFFE
RGB	229, 239, 254
RGB Percent	90%, 94%, 100%
CMY	0.1032, 0.0641, 0.0053
CMYK	0.10, 0.06, 0.00, 0.01
HSL	216°, 90%, 95%
HSV	216°, 10%, 99%
XYZ	80.8077, 85.2715, 105.6683
YIQ	237.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

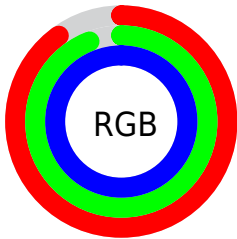
Format	Color
R _Y B	229, 236, 254
Decimal	15069182
CIE Lab	94.00, -0.47, -8.36
CIE LCh	94, 8.370, 266.787
Yxy	85.2715, 0.2974, 0.3138
Android (android.graphics.Color)	4293259262 (0xFFE5EF)
YUV	237.7200, 8.0260, -7.6474
Hunter-Lab	92.3426, -5.3967, -3.2062

Details

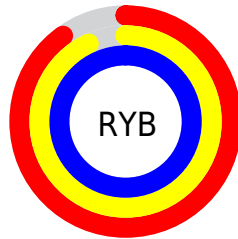
The CIELCh color `94, 8.370, 266.787` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.442, 84.102`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.297, 265.564` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.916, 268.339`, and if you desaturate by 10%, it is `100, 0.120, 82.489`.

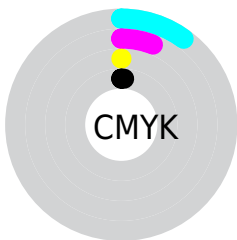
Distribution



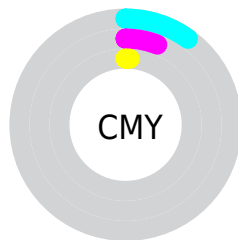
- Red (90%)
- Green (94%)
- Blue (100%)



- Red (90%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.370, 266.787 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, 8.370, 266.787 by changing the saturation by 10% instead.

94, 8.370, 266.787

94, 8.370, 266.787

100, 8.370,
266.787

84, 8.370, 266.787

74, 8.370, 266.787

64, 8.370, 266.787

54, 8.370, 266.787

44, 8.370, 266.787

34, 8.370, 266.787

24, 8.370, 266.787

14, 8.370, 266.787

4, 8.370, 266.787

94, 8.370, 266.787

94, 8.370, 266.787

88, 16.916,
268.339

100, 0.120, 82.489

83, 25.513,
270.196

100, 0.675,
110.013

77, 34.157,
272.386

72, 42.859,
274.959

67, 51.651,
277.950

61, 60.586,
281.364

56, 69.729,
285.149

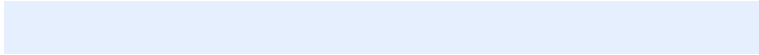
52, 79.113,
289.168

■ 48, 88.685,
293.152

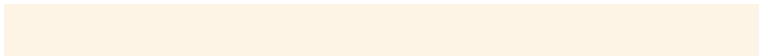
Harmonies

Complementary

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



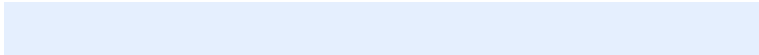
94, 8.370, 266.787



96, 8.442, 84.102

Rectangle

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



94, 8.370, 266.787



94, 8.370, 316.787



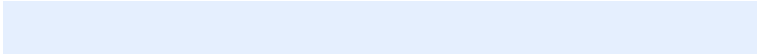
94, 8.370, 86.787



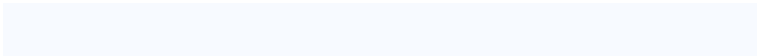
94, 8.370, 136.787

Sweetspot

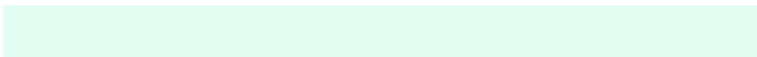
The Sweet Spot groups the original color and five complimentary colors.



94, 8.369, 266.774



98, 2.561, 265.920



98, 10.244, 167.568



52, 1.940, 265.997



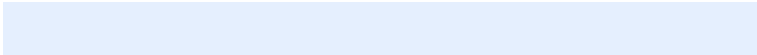
0, 0.000, 0.000



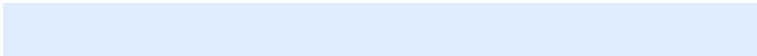
53, 0.007, 296.813

Same Dimension

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



94, 8.369, 266.774



93, 10.249, 267.088



92, 12.978, 294.342



50, 4.853, 266.726



36, 70.544, 292.504



10, 28.341, 286.784

Inverse Universe

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



93, 10.333, 350.258



92, 12.689, 350.479



99, 12.684, 112.625



50, 5.989, 350.223



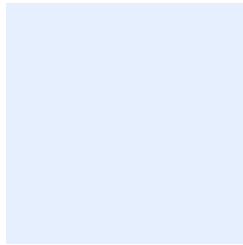
41, 68.324, 11.790



10, 31.301, 4.773

Previews

White Background



This preview shows how the CIELCh color 94, 8.370, 266.787 looks on a white background.

Color Contrast Check

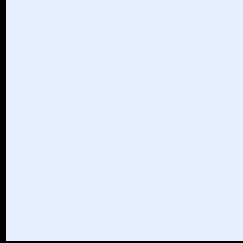
Large Text (above 18pt) WCAG AA × Fail

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, 8.370, 266.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

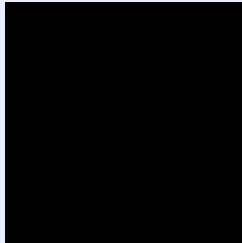
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

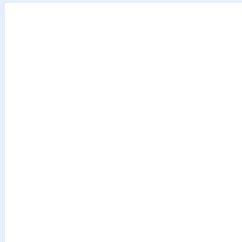
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.370, 266.787

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.370, 266.787.



This preview shows how white text looks on a background with the CIELCh color 94, 8.370, 266.787.

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](#).

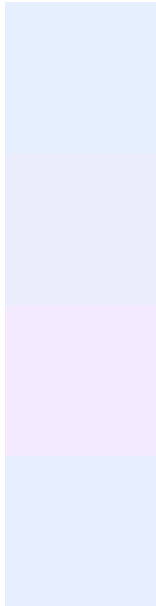
Dichromacy





Tritanopia
94, 9.118, 273.495

Trichromacy



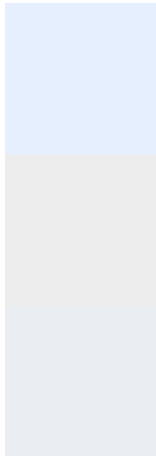
Original Color
94, 8.376, 266.792

Protanomaly
94, 8.262, 286.063

Deuteranomaly
94, 11.413, 308.600

Tritanomaly
94, 9.118, 273.495

Monochromacy



Original Color
94, 8.376, 266.792

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.915, 261.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.370, 266.787 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(229, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 239, 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(229, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 239, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.370, 266.787 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(229, 239, 254) }
```

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

```
.border{ border-color:rgb(229, 239, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 239,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.370, 266.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 239, 254) }
```

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

```
.background{ background-color: rgb(229,  
239, 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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