

Converting Colors

CIE LCh(96, 5.299, 265.012)

Have a look what the booklet for
CIELCh(96, 5.299, 265.012) contains.

CIELCh(96, 5.495, 268.531)	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(96, 5.495, 268.531)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4FE
RGB	238, 244, 254
RGB Percent	93%, 96%, 100%
CMY	0.0668, 0.0432, 0.0040
CMYK	0.06, 0.04, 0.00, 0.00
HSL	217°, 89%, 96%
HSV	217°, 6%, 100%
XYZ	85.4748, 90.0078, 106.6070
YIQ	243.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

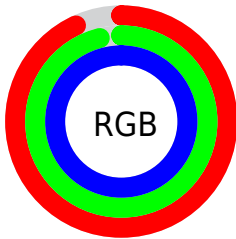
Format	Color
R _Y B	238, 242, 254
Decimal	15660286
CIE Lab	96.00, -0.14, -5.49
CIE LCh	96, 5.495, 268.531
Yxy	90.0078, 0.3030, 0.3191
Android (android.graphics.Color)	4293850366 (0xFFEEF4FE)
YUV	243.3460, 5.2524, -4.6884
Hunter-Lab	94.8724, -5.2081, -0.2128

Details

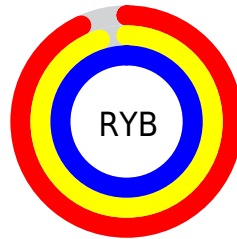
The CIELCh color **96, 5.495, 268.531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.501, 86.773**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.269, 266.469** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.274, 269.962**, and if you desaturate by 10%, it is **100, 0.511, 109.988**.

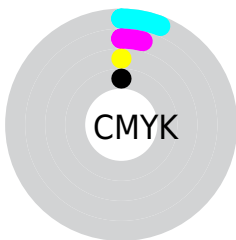
Distribution



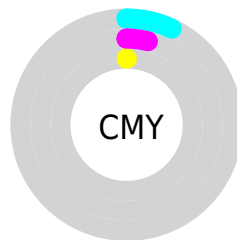
- Red (93%)
- Green (96%)
- Blue (100%)



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



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



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.495, 268.531 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 96, 5.495, 268.531 by changing the saturation by 10% instead.

 96, 5.495, 268.531

 96, 5.495, 268.531

 100, 5.495,
268.531

 86, 5.495, 268.531

 76, 5.495, 268.531

 66, 5.495, 268.531

 56, 5.495, 268.531

 46, 5.495, 268.531

 36, 5.495, 268.531

 26, 5.495, 268.531

 16, 5.495, 268.531

 6, 5.495, 268.531

96, 5.495, 268.531

96, 5.495, 268.531

90, 14.274,
269.962

100, 0.511,
109.988

84, 23.144,
271.698

79, 32.104,
273.744

73, 41.163,
276.145

68, 50.350,
278.943

62, 59.713,
282.150

57, 69.305,
285.733

52, 79.153,
289.580

■ 48, 89.179,
293.491

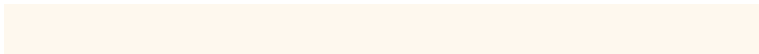
Harmonies

Complementary

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



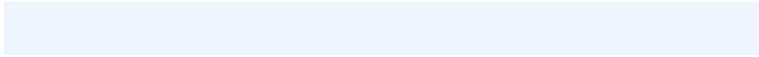
96, 5.495, 268.531



98, 5.501, 86.773

Rectangle

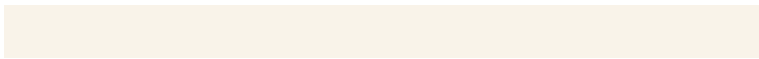
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.495, 268.531



96, 5.495, 318.531



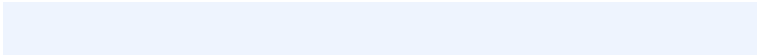
96, 5.495, 88.531



96, 5.495, 138.531

Sweetspot

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



96, 5.494, 268.511



99, 1.753, 268.065



98, 6.419, 169.968



53, 0.997, 268.062



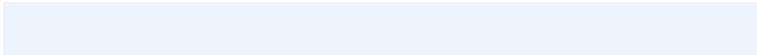
0, 0.000, 0.000



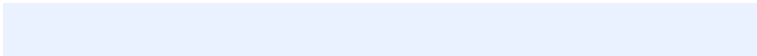
53, 0.007, 296.813

Same Dimension

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



96, 5.494, 268.511



95, 7.003, 268.735



95, 8.271, 295.279



50, 4.980, 268.943



35, 73.701, 294.180



9, 29.573, 288.676

Inverse Universe

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



95, 6.482, 351.457



95, 8.282, 351.638



99, 8.140, 114.260



50, 5.901, 351.795



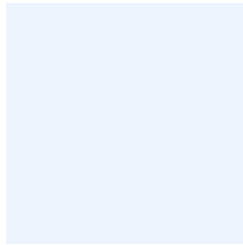
41, 68.703, 14.208



10, 31.283, 6.904

Previews

White Background



This preview shows how the CIELCh color 96, 5.495, 268.531 looks on a white background.

Color Contrast Check

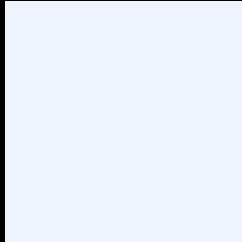
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.495, 268.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

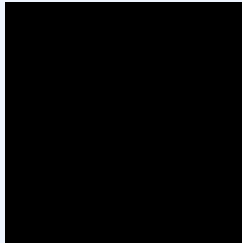
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

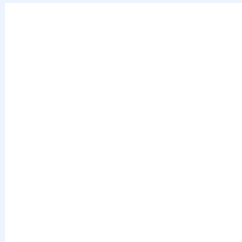
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.495, 268.531

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.495, 268.531.



This preview shows how white text looks on a background with the CIELCh color 96, 5.495, 268.531.

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](#).

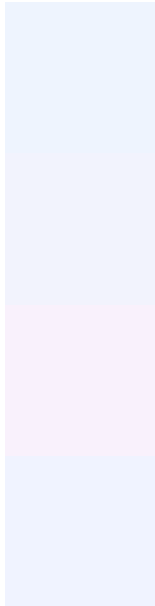
Dichromacy





Tritanopia
96, 6.184, 284.270

Trichromacy



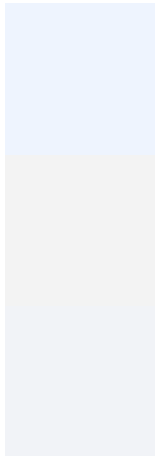
Original Color
96, 5.495, 268.531

Protanomaly
96, 5.139, 286.728

Deuteranomaly
96, 6.331, 316.739

Tritanomaly
96, 6.226, 281.124

Monochromacy



Original Color
96, 5.495, 268.531

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.164, 271.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.495, 268.531 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(238, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 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(238, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.495, 268.531 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(238, 244, 254) }
```

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

```
.border{ border-color:rgb(238, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.495, 268.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 254) }
```

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

```
.background{ background-color: rgb(238,  
244, 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](#).

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