

Converting Colors

CIELCh(100, 58.235, 291.491)

Have a look what the booklet for
CIELCh(100, 58.235, 291.491)
contains.

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Color

CIELCh(96, 5.693, 253.534)

Conversions

Conversions Part 1

Format	Color
Hex	EBF5FE
RGB	235, 245, 254
RGB Percent	92%, 96%, 100%
CMY	0.0789, 0.0397, 0.0045
CMYK	0.07, 0.04, 0.00, 0.00
HSL	208°, 89%, 96%
HSV	208°, 7%, 100%
XYZ	84.6947, 90.0078, 106.5528
YIQ	243.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

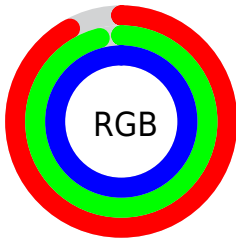
Format	Color
R _Y B	235, 242, 254
Decimal	15463934
CIE Lab	96.00, -1.61, -5.46
CIE LCh	96, 5.693, 253.534
Yxy	90.0078, 0.3011, 0.3200
Android (android.graphics.Color)	4293654014 (0xFFEBF5FE)
YUV	243.0360, 5.4053, -7.0476
Hunter-Lab	94.8724, -6.6759, -0.1789

Details

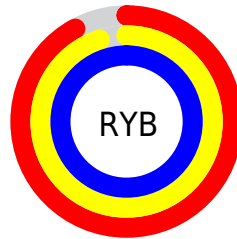
The CIELCh color **96, 5.693, 253.534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.805, 71.522**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.546, 250.348** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.199, 254.934**, and if you desaturate by 10%, it is **100, 0.569, 109.999**.

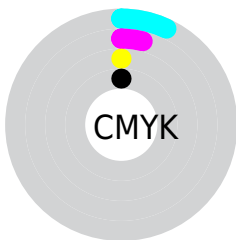
Distribution



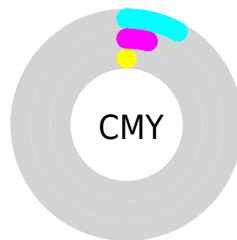
- Red (92%)
- Green (96%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.693, 253.534 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, 5.693, 253.534 by changing the saturation by 10% instead.

 96, 5.693, 253.534

 96, 5.693, 253.534

 100, 5.693,
253.534

 86, 5.693, 253.534

 76, 5.693, 253.534

 66, 5.693, 253.534

 56, 5.693, 253.534

 46, 5.693, 253.534

 36, 5.693, 253.534

 26, 5.693, 253.534

 16, 5.693, 253.534

 6, 5.693, 253.534

96, 5.693, 253.534

96, 5.693, 253.534

91, 13.199,
254.934

100, 0.569,
109.999

86, 20.566,
256.679

82, 27.754,
258.781

77, 34.739,
261.302

73, 41.514,
264.307

69, 48.109,
267.839

64, 54.600,
271.897

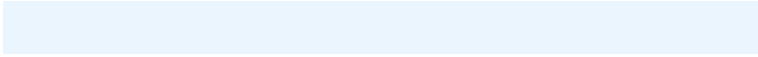
61, 61.110,
276.402

■ 57, 67.780,
281.161

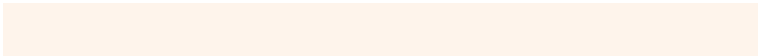
Harmonies

Complementary

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



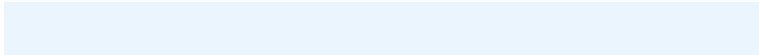
96, 5.693, 253.534



97, 5.805, 71.522

Rectangle

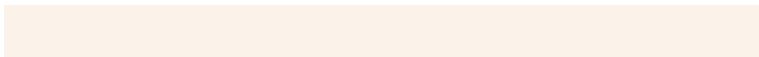
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 5.693, 253.534



96, 5.693, 303.534



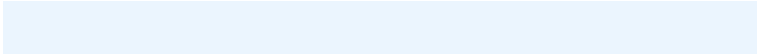
96, 5.693, 73.534



96, 5.693, 123.534

Sweetspot

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



96, 5.692, 253.512



99, 1.539, 253.031



98, 8.456, 161.345



53, 0.875, 253.035



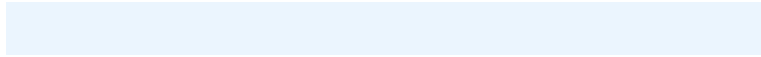
0, 0.000, 0.000



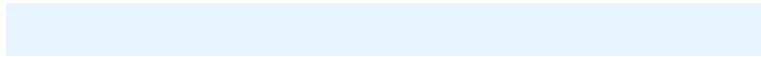
53, 0.007, 296.813

Same Dimension

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



96, 5.692, 253.512



96, 6.867, 253.706



94, 9.464, 289.612



51, 4.336, 253.772



43, 55.261, 281.460



13, 22.624, 274.701

Inverse Universe

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



95, 8.496, 342.803



94, 10.280, 342.942



99, 9.302, 108.067



50, 6.498, 342.988



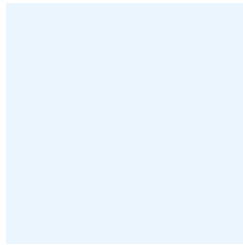
41, 68.605, 359.607



11, 32.144, 354.425

Previews

White Background



This preview shows how the CIELCh color 96, 5.693, 253.534 looks on a white background.

Color Contrast Check

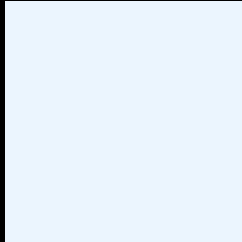
Large Text (above 18pt) WCAG AA × Fail

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, 5.693, 253.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

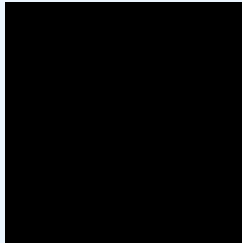
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

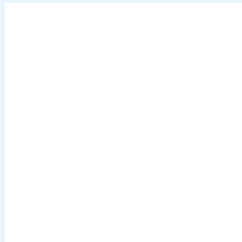
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.693, 253.534

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.693, 253.534.



This preview shows how white text looks on a background with the CIELCh color 96, 5.693, 253.534.

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

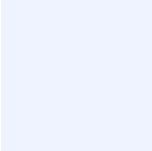
96, 5.697, 253.537

Protanopia

96, 5.254, 302.020

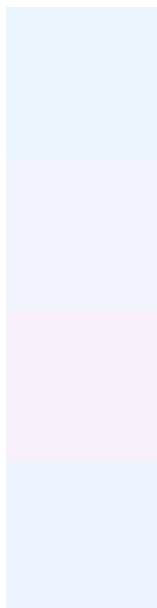
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 6.286, 278.034

Trichromacy



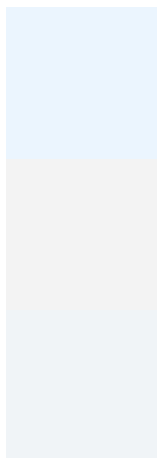
Original Color
96, 5.697, 253.537

Protanomaly
96, 5.168, 282.903

Deuteranomaly
96, 6.182, 313.834

Tritanomaly
96, 6.091, 267.411

Monochromacy



Original Color
96, 5.697, 253.537

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.066, 247.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.693, 253.534 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(235, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 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(235, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.693, 253.534 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(235, 245, 254) }
```

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

```
.border{ border-color:rgb(235, 245, 254) }
```

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

Here you see how a box with a 4 pixel rgb(235, 245, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.693, 253.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 254) }
```

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

```
.background{ background-color: rgb(235,  
245, 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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