

Converting Colors

CIE LCh(96, 5.620, 260.177)

Have a look what the booklet for
CIELCh(96, 5.620, 260.177) contains.

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Color

CIELCh(96, 5.774, 262.190)

Conversions

Conversions Part 1

Format	Color
Hex	ECF4FE
RGB	236, 244, 254
RGB Percent	93%, 96%, 100%
CMY	0.0730, 0.0416, 0.0024
CMYK	0.07, 0.04, 0.00, 0.00
HSL	213°, 94%, 96%
HSV	213°, 7%, 100%
XYZ	85.1333, 90.0078, 106.9734
YIQ	242.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

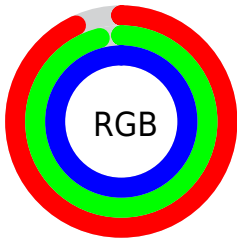
Format	Color
R_{YB}	236, 242, 254
Decimal	15529214
CIE _{Lab}	96.00, -0.78, -5.72
CIE _{LCh}	96, 5.774, 262.190
Yxy	90.0078, 0.3018, 0.3190
Android (android.graphics.Color)	4293719294 (0xFFE _{CF} 4FE)
YUV	242.7480, 5.5472, -5.9180
Hunter-Lab	94.8724, -5.8508, -0.4417

Details

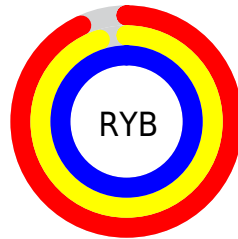
The CIELCh color `96, 5.774, 262.190` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.825, 80.205`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 5.585, 259.725` is the 20% darker color. If you saturate the color by 10%, you get `91, 13.918, 263.651`, and if you desaturate by 10%, it is `100, 0.301, 109.899`.

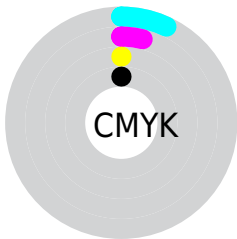
Distribution



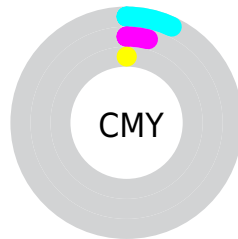
- Red (93%)
- Green (96%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.774, 262.190 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, 5.774, 262.190 by changing the saturation by 10% instead.

 96, 5.774, 262.190

 96, 5.774, 262.190

 100, 5.774,
262.190

 86, 5.774, 262.190

 76, 5.774, 262.190

 66, 5.774, 262.190

 56, 5.774, 262.190

 46, 5.774, 262.190

 36, 5.774, 262.190

 26, 5.774, 262.190

 16, 5.774, 262.190

 6, 5.774, 262.190

96, 5.774, 262.190

96, 5.774, 262.190

91, 13.918,
263.651

100, 0.301,
109.899

85, 22.047,
265.436

80, 30.147,
267.554

75, 38.212,
270.059

70, 46.258,
272.998

65, 54.330,
276.398

60, 62.500,
280.233

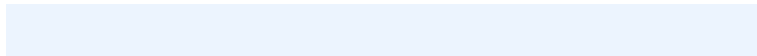
56, 70.855,
284.404

■ 52,79.445,
288.712

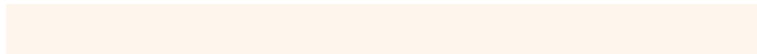
Harmonies

Complementary

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



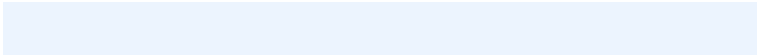
96, 5.774, 262.190



97, 5.825, 80.205

Rectangle

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



96, 5.774, 262.190



96, 5.774, 312.190



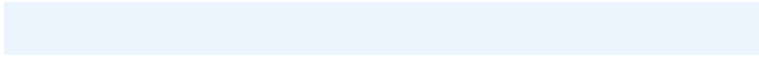
96, 5.774, 82.190



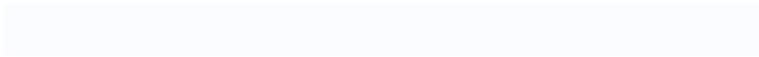
96, 5.774, 132.190

Sweetspot

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



96, 5.773, 262.169



99, 1.641, 261.656



98, 7.553, 165.889



53, 0.933, 261.656



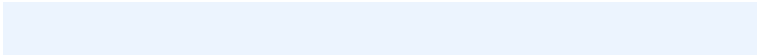
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 5.773, 262.169



96, 6.537, 262.292



94, 9.289, 292.812



50, 4.645, 262.499



38, 64.986, 289.145



11, 26.216, 283.046

Inverse Universe

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



95, 7.622, 347.300



95, 8.644, 347.392



99, 9.128, 111.512



50, 6.156, 347.541



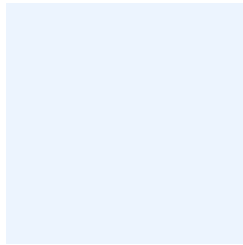
41, 68.006, 7.460



10, 31.459, 1.031

Previews

White Background



This preview shows how the CIE LCh color 96, 5.774, 262.190 looks on a white background.

Color Contrast Check

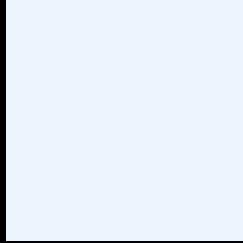
Large Text (above 18pt) WCAG AA × Fail

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, 5.774, 262.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

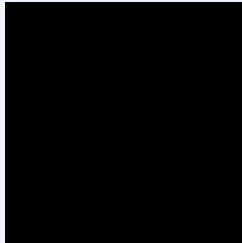
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

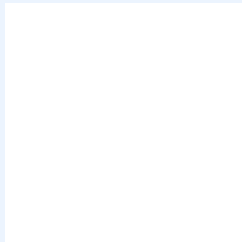
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.774, 262.190

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.774, 262.190.



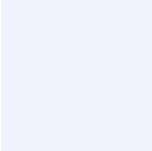
This preview shows how white text looks on a background with the CIELCh color 96, 5.774, 262.190.

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, 6.226, 281.124

Trichromacy



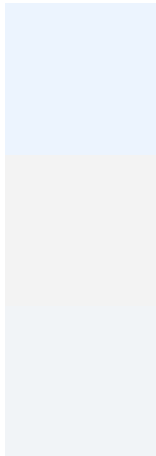
Original Color
96, 5.774, 262.190

Protanomaly
96, 5.650, 287.121

Deuteranomaly
96, 6.655, 312.098

Tritanomaly
96, 5.869, 273.599

Monochromacy



Original Color
96, 5.774, 262.190

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.854, 255.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.774, 262.190 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(236, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.774, 262.190 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(236, 244, 254) }
```

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

```
.border{ border-color:rgb(236, 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(236, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.774, 262.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 244, 254) }
```

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

```
.background{ background-color: rgb(236,  
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](#).

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