

Converting Colors

CIELCh(96, 5.766, 120.241)

Have a look what the booklet for
CIELCh(96, 5.766, 120.241) contains.

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Color

CIELCh(96, 5.724, 120.514)

Conversions

Conversions Part 1

Format	Color
Hex	F2F5EA
RGB	242, 245, 234
RGB Percent	95%, 96%, 92%
CMY	0.0515, 0.0397, 0.0829
CMYK	0.01, 0.00, 0.04, 0.04
HSL	76°, 35%, 94%
HSV	76°, 4%, 96%
XYZ	84.0139, 90.0078, 90.6852
YIQ	242.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

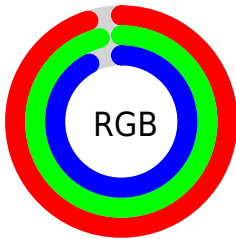
Format	Color
R_{YB}	234, 245, 237
Decimal	15922666
CIE _{Lab}	96.00, -2.91, 4.93
CIE _{LCh}	96, 5.724, 120.514
Yxy	90.0078, 0.3174, 0.3400
Android (android.graphics.Color)	4294112746 (0xFFFF2F5EA)
YUV	242.8490, -4.3626, -0.7446
Hunter-Lab	94.8724, -7.9568, 9.7375

Details

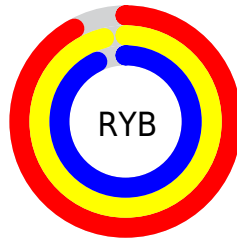
The CIELCh color **96, 5.724, 120.514** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 5.796, 301.049**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.012, 120.437** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.476, 119.911**, and if you desaturate by 10%, it is **97, 5.363, 304.354**.

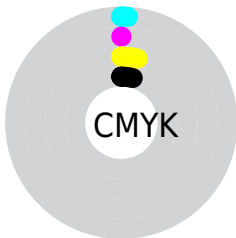
Distribution



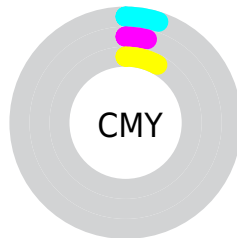
- Red (95%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.724, 120.514 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, 5.724, 120.514 by changing the saturation by 10% instead.

 96, 5.724, 120.514

 96, 5.724, 120.514

 100, 5.724,
120.514

 86, 5.724, 120.514

 76, 5.724, 120.514

 66, 5.724, 120.514

 56, 5.724, 120.514

 46, 5.724, 120.514

 36, 5.724, 120.514

 26, 5.724, 120.514

 16, 5.724, 120.514

 6, 5.724, 120.514

96, 5.724, 120.514

96, 5.724, 120.514

95, 18.476,
119.911

97, 5.363, 304.354

98, 6.309, 324.612

94, 31.130,
119.291

93, 43.573,
118.681


92, 55.629,
118.111

92, 67.037,
117.628

91, 77.414,
117.301

90, 86.236,
117.223

90, 92.917,
117.504

 89, 97.053,
118.235

Harmonies

Complementary

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



96, 5.724, 120.514



93, 5.796, 301.049

Rectangle

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



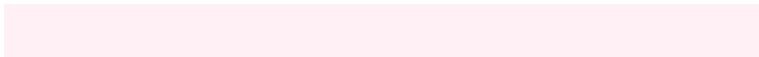
96, 5.724, 120.514



96, 5.724, 170.514



96, 5.724, 300.514



96, 5.724, 350.514

Sweetspot

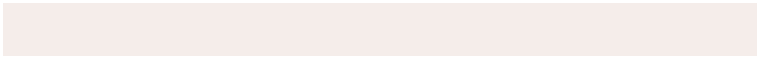
The Sweet Spot groups the original color and five complimentary colors.



96, 5.726, 120.526



100, 1.308, 120.761



94, 3.242, 47.029



53, 0.743, 120.765



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, 5.726, 120.526



99, 6.586, 120.494



96, 6.402, 137.645



51, 4.346, 120.452



70, 80.046, 118.556



22, 34.285, 117.499

Inverse Universe

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



93, 5.796, 301.049



96, 6.670, 301.083



94, 6.437, 317.963



49, 4.405, 301.127



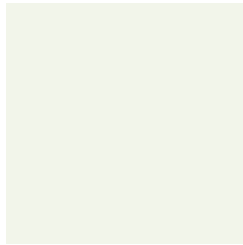
24, 102.973, 307.989



4, 40.749, 305.979

Previews

White Background



This preview shows how the CIE LCh color 96, 5.724, 120.514 looks on a white background.

Color Contrast Check

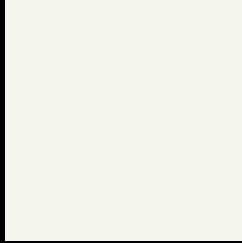
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 5.724, 120.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

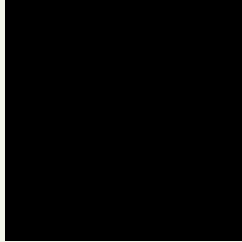
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

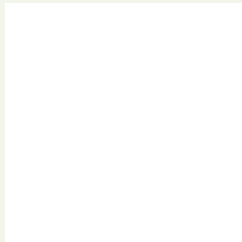
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.724, 120.514

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.724, 120.514.

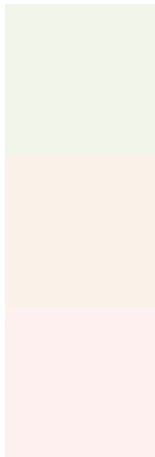


This preview shows how white text looks on a background with the CIELCh color 96, 5.724, 120.514.

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, 5.724, 120.514

Protanopia

96, 5.845, 80.210

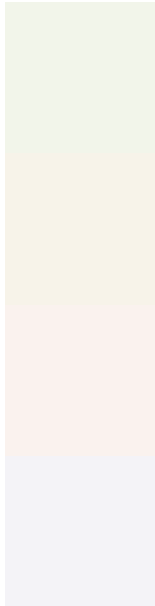
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 6.768, 299.507

Trichromacy



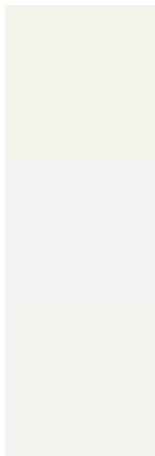
Original Color
96, 5.724, 120.514

Protanomaly
96, 5.290, 94.016

Deuteranomaly
96, 3.493, 55.150

Tritanomaly
96, 2.094, 299.993

Monochromacy



Original Color
96, 5.724, 120.514

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.070, 119.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.724, 120.514 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(242, 245, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 234)  
}
```

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(242, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.724, 120.514 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(242, 245, 234) }
```

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

```
.border{ border-color:rgb(242, 245, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 245, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 245, 234); box-shadow:4px 4px 4px 4px rgb(242, 245, 234) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.724, 120.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 234) }
```

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

```
.background{ background-color: rgb(242,  
245, 234) }
```

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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