

Converting Colors

CIELCh(91, 78.219, 124.750)

Have a look what the booklet for
CIELCh(91, 78.219, 124.750)
contains.

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Color

CIELCh(91, 78.269, 124.730)

Conversions

Conversions Part 1

Format	Color
Hex	B4F961
RGB	180, 249, 97
RGB Percent	71%, 98%, 38%
CMY	0.2933, 0.0226, 0.6188
CMYK	0.28, 0.00, 0.61, 0.02
HSL	87°, 93%, 68%
HSV	87°, 61%, 98%
XYZ	54.9841, 78.4833, 23.6116
YIQ	211.0410, 7.6680, -61.9000

Conversions

Conversions Part 2

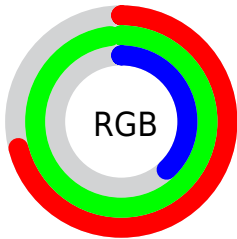
Format	Color
RYB	97, 249, 166
Decimal	11860321
CIELab	91.00, -44.59, 64.33
CIELCh	91, 78.269, 124.730
Yxy	78.4833, 0.3500, 0.4996
Android (android.graphics.Color)	4290050401 (0xFFB4F961)
YUV	211.0410, -56.2222, -27.2230
Hunter-Lab	88.5908, -44.2475, 46.2114

Details

The CIELCh color **91, 78.269, 124.730** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **56, 86.969, 310.837**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 51.118, 113.363**, and **71, 78.181, 124.625** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.494, 124.658**, and if you desaturate by 10%, it is **92, 66.701, 125.030**.

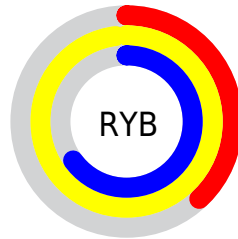
Distribution



Red (71%)

Green (98%)

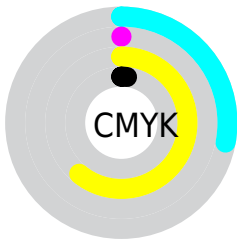
Blue (38%)



Red (38%)

Yellow (98%)

Blue (65%)

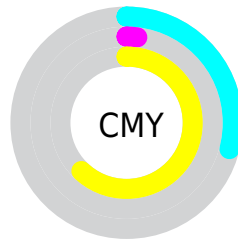


Cyan (28%)

Magenta (0%)

Yellow (61%)

Black (2%)



Cyan (29%)

Magenta (2%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 78.269, 124.730 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 91, 78.269, 124.730 by changing the saturation by 10% instead.

■ 91, 78.269,
124.730

■ 91, 78.269,
124.730

■ 100, 78.269,
124.730

■ 81, 78.269,
124.730

■ 71, 78.269,
124.730

■ 61, 78.269,
124.730

■ 51, 78.269,
124.730

■ 41, 78.269,
124.730

■ 31, 78.269,
124.730

■ 21, 78.269,

124.730

■ 11, 78.269,
124.730

■ 1, 78.269, 124.730

■ 91, 78.269,
124.730

■ 91, 78.269,
124.730

■ 90, 88.494,
124.658

■ 92, 66.701,
125.030

■ 90, 96.787,
124.936

■ 93, 54.266,
125.455

■ 89, 102.634,
125.687

■ 94, 41.309,
125.941

■ 89, 105.904,
126.745

■ 95, 28.066,
126.443

96, 14.697,
126.939

98, 1.315, 127.491

99, 3.596, 324.481

Harmonies

Complementary

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



91, 78.269, 124.730



56, 86.969, 310.837

Rectangle

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



91, 78.269, 124.730



91, 78.269, 174.730



91, 78.269, 304.730



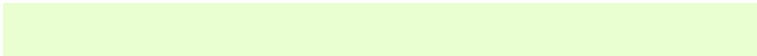
91, 78.269, 354.730

Sweetspot

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



91, 78.270, 124.731



97, 24.523, 126.592



75, 53.387, 62.833



52, 17.036, 126.446



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 78.270, 124.731



92, 91.995, 124.683



88, 89.920, 138.200



52, 7.615, 127.012



69, 85.709, 126.463



23, 37.309, 125.013

Inverse Universe

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



56, 86.969, 310.837



50, 104.588, 311.317



65, 89.394, 325.936



48, 7.730, 307.886



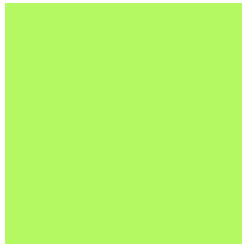
28, 100.508, 310.885



5, 43.189, 311.369

Previews

White Background



This preview shows how the CIELCh color 91, 78.269, 124.730 looks on a white background.

Color Contrast Check

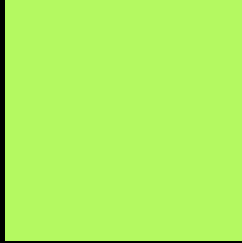
Large Text (above 18pt) WCAG AA × Fail

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 91, 78.269, 124.730 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

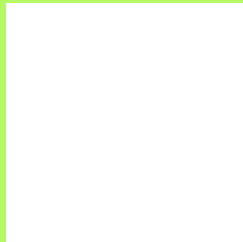
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 78.269, 124.730

Background



This preview shows how black text looks on a background with the CIELCh color 91, 78.269, 124.730.

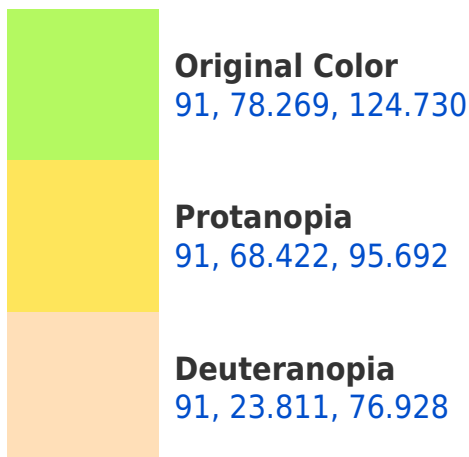


This preview shows how white text looks on a background with the CIELCh color 91, 78.269, 124.730.

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



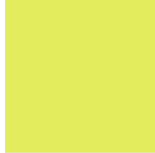


Tritanopia
91, 14.137, 240.391

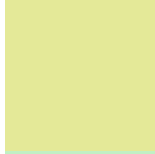
Trichromacy



Original Color
91, 78.269, 124.730



Protanomaly
90, 69.514, 107.636



Deuteranomaly
90, 41.238, 109.568

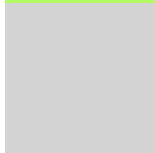


Tritanomaly
91, 28.516, 144.921

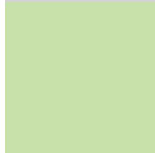
Monochromacy



Original Color
91, 78.269, 124.730



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 30.063, 126.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 78.269, 124.730 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(180, 249, 97)` looks like.

```
.text, #text, p{  
    color:rgb(180, 249, 97)  
}
```

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(180, 249, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 249, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 78.269, 124.730 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(180, 249, 97) }
```

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

```
.border{ border-color:rgb(180, 249, 97) }
```

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

Here you see how a box with a 4 pixel rgb(180, 249, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 249, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 249, 97);  
box-shadow:4px 4px 4px 4px rgb(180, 249,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 78.269, 124.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 249, 97) }
```

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

```
.background{ background-color: rgb(180,  
249, 97) }
```

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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