

Converting Colors

CIELCh(90, 11.980, 126.299)

Have a look what the booklet for
CIELCh(90, 11.980, 126.299)
contains.

CIELCh(90, 11.981, 127.032)	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(90, 11.981, 127.032)

Conversions

Conversions Part 1

Format	Color
Hex	DCE6D0
RGB	220, 230, 208
RGB Percent	86%, 90%, 82%
CMY	0.1376, 0.0983, 0.1846
CMYK	0.04, 0.00, 0.10, 0.10
HSL	87°, 30%, 86%
HSV	87°, 10%, 90%
XYZ	69.1419, 76.3034, 70.7083
YIQ	224.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

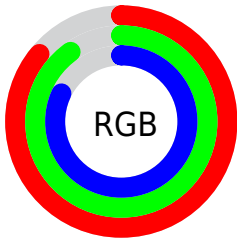
Format	Color
R _Y B	208, 230, 218
Decimal	14477008
CIE Lab	90.00, -7.22, 9.56
CIE LCh	90, 11.981, 127.032
Yxy	76.3034, 0.3199, 0.3530
Android (android.graphics.Color)	4292667088 (0xFFDCE6D0)
YUV	224.5020, -8.1355, -3.9483
Hunter-Lab	87.3518, -11.5767, 13.1531

Details

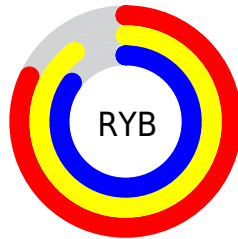
The CIELCh color **90, 11.981, 127.032** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 12.166, 307.912**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 12.098, 127.703** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.516, 126.545**, and if you desaturate by 10%, it is **91, 0.549, 307.280**.

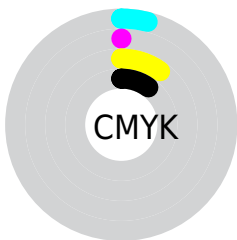
Distribution



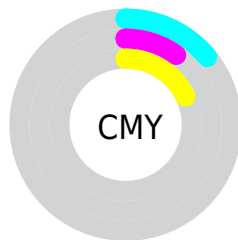
- Red (86%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)





- Cyan (14%)
- Magenta (10%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.981, 127.032 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 90, 11.981, 127.032 by changing the saturation by 10% instead.


 90, 11.981,
127.032


 90, 11.981,
127.032


 100, 11.981,
127.032


 80, 11.981,
127.032


 70, 11.981,
127.032

 60, 11.981,
127.032

 50, 11.981,
127.032

 40, 11.981,
127.032

 30, 11.981,
127.032

 20, 11.981,

127.032

■ 10, 11.981,
127.032

■ 0, 11.981, 127.032

■ 90, 11.981,
127.032

■ 90, 11.981,
127.032

■ 89, 24.516,
126.545

■ 91, 0.549, 307.280

■ 88, 36.950,
126.044

■ 93, 13.013,
307.908

■ 87, 49.144,
125.556

■ 94, 14.982,
320.778

■ 86, 60.893,
125.119

■ 94, 15.666,
324.966

■ 85, 71.895,
124.795

■ 84, 81.728,
124.675

■ 83, 89.857,
124.881

■ 83, 95.771,
125.537

■ 82, 99.461,
126.648

Harmonies

Complementary

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



90, 11.981, 127.032



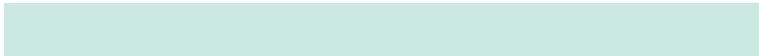
85, 12.166, 307.912

Rectangle

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



90, 11.981, 127.032



90, 11.981, 177.032



90, 11.981, 307.032



90, 11.981, 357.032

Sweetspot

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



90, 11.983, 127.036



100, 4.073, 127.363



88, 6.808, 68.658



53, 3.090, 127.319



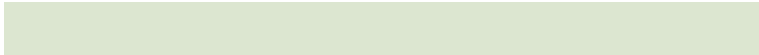
0, 0.000, 0.000



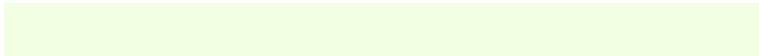
53, 0.007, 296.813

Same Dimension

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



90, 11.983, 127.036



98, 14.985, 126.964



89, 13.769, 142.590



48, 7.101, 127.042



65, 82.212, 126.423



18, 31.851, 125.924

Inverse Universe

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



85, 12.166, 307.912



92, 15.243, 307.988



86, 13.802, 323.574



45, 7.209, 307.906



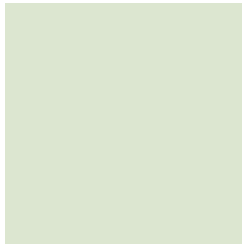
27, 96.384, 310.943



4, 35.348, 309.428

Previews

White Background



This preview shows how the CIELCh color 90, 11.981, 127.032 looks on a white background.

Color Contrast Check

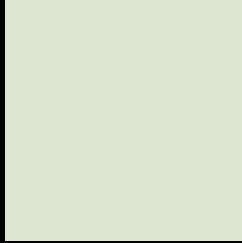
Large Text (above 18pt) WCAG AA × Fail

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 90, 11.981, 127.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

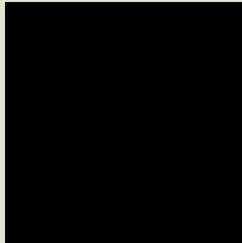
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

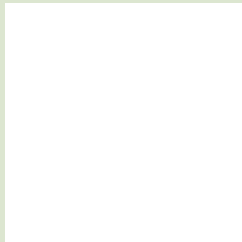
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.981, 127.032

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.981, 127.032.

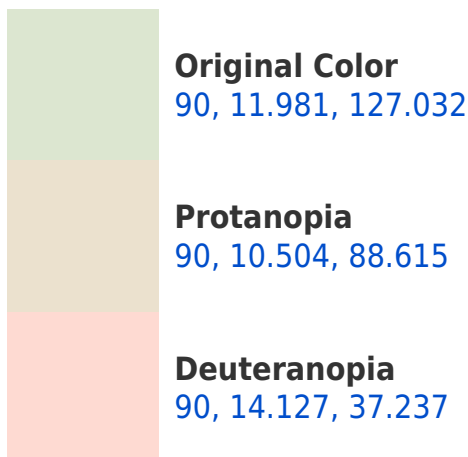


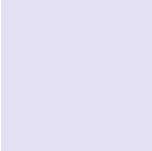
This preview shows how white text looks on a background with the CIELCh color 90, 11.981, 127.032.

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](#).

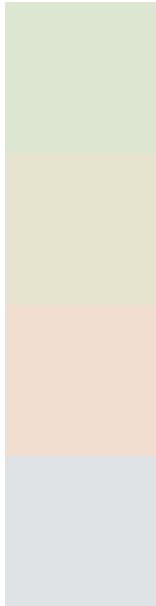
Dichromacy





Tritanopia
90, 9.364, 290.941

Trichromacy



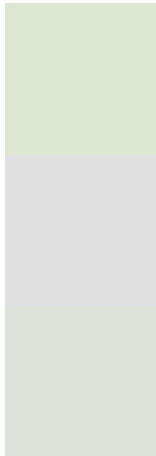
Original Color
90, 11.981, 127.032

Protanomaly
90, 10.397, 103.196

Deuteranomaly
90, 10.039, 61.744

Tritanomaly
90, 2.093, 247.875

Monochromacy



Original Color
90, 11.981, 127.032

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.294, 124.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.981, 127.032 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(220, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 230, 208)  
}
```

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(220, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.981, 127.032 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(220, 230, 208) }
```

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

```
.border{ border-color:rgb(220, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 230,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.981, 127.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 208) }
```

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

```
.background{ background-color: rgb(220,  
230, 208) }
```

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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