

Converting Colors

CIELCh(90, 11.276, 125.972)

Have a look what the booklet for
CIELCh(90, 11.276, 125.972)
contains.

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Color

CIELCh(90, 11.373, 126.111)

Conversions

Conversions Part 1

Format	Color
Hex	DDE6D1
RGB	221, 230, 209
RGB Percent	87%, 90%, 82%
CMY	0.1347, 0.0994, 0.1817
CMYK	0.04, 0.00, 0.09, 0.10
HSL	86°, 29%, 86%
HSV	86°, 9%, 90%
XYZ	69.3788, 76.3034, 71.1703
YIQ	224.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

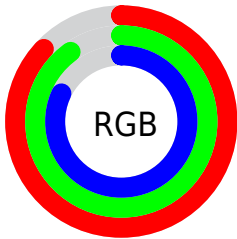
Format	Color
R_{YB}	209, 230, 218
Decimal	14542545
CIE _{Lab}	90.00, -6.70, 9.19
CIE _{LCh}	90, 11.373, 126.111
Yxy	76.3034, 0.3199, 0.3519
Android (android.graphics.Color)	4292732625 (0xFFDDE6D1)
YUV	224.9150, -7.8461, -3.4335
Hunter-Lab	87.3518, -11.0926, 12.8394

Details

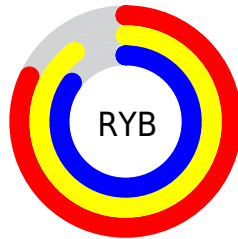
The CIELCh color **90, 11.373, 126.111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 11.550, 306.977**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.454, 126.787** is the 20% darker color. If you saturate the color by 10%, you get **89, 23.822, 125.613**, and if you desaturate by 10%, it is **91, 1.076, 306.483**.

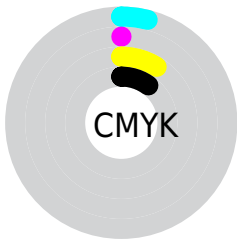
Distribution



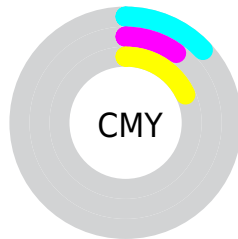
- Red (87%)
- Green (90%)
- Blue (82%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)





- Cyan (13%)
- Magenta (10%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.373, 126.111 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, 11.373, 126.111 by changing the saturation by 10% instead.


 90, 11.373,
126.111


 90, 11.373,
126.111


 100, 11.373,
126.111


 80, 11.373,
126.111


 70, 11.373,
126.111

 60, 11.373,
126.111

 50, 11.373,
126.111

 40, 11.373,
126.111

 30, 11.373,
126.111

 20, 11.373,

126.111

■ 10, 11.373,
126.111

■ 0, 11.373, 126.111

■ 90, 11.373,
126.111

■ 90, 11.373,
126.111

■ 89, 23.822,
125.613

■ 91, 1.076, 306.483

■ 88, 36.169,
125.103

■ 93, 13.465,
307.014

■ 87, 48.279,
124.607

■ 93, 14.967,
319.547

■ 86, 59.951,
124.163

■ 94, 15.836,
324.972

■ 85, 70.891,
123.830

■ 84, 80.682,
123.699

■ 84, 88.795,
123.888

■ 83, 94.713,
124.521

■ 83, 98.375,
125.621

Harmonies

Complementary

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



90, 11.373, 126.111



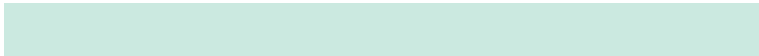
85, 11.550, 306.977

Rectangle

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



90, 11.373, 126.111



90, 11.373, 176.111



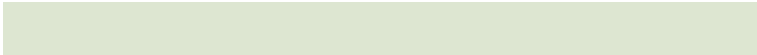
90, 11.373, 306.111



90, 11.373, 356.111

Sweetspot

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



90, 11.375, 126.116



100, 4.052, 126.428



88, 6.401, 64.851



53, 3.074, 126.384



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, 11.375, 126.116



98, 14.902, 126.020



89, 12.999, 141.718



48, 7.063, 126.100



66, 81.509, 125.447



19, 31.603, 124.927

Inverse Universe

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



85, 11.550, 306.977



92, 15.172, 307.078



86, 13.038, 322.614



45, 7.174, 306.993



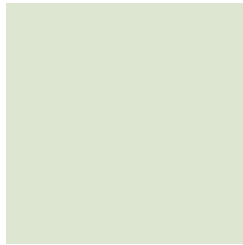
26, 96.909, 310.427



4, 35.190, 308.518

Previews

White Background



This preview shows how the CIELCh color 90, 11.373, 126.111 looks on a white background.

Color Contrast Check

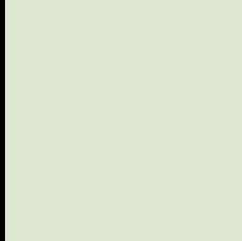
Large Text (above 18pt) WCAG AA × Fail

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, 11.373, 126.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

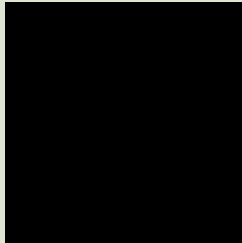
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

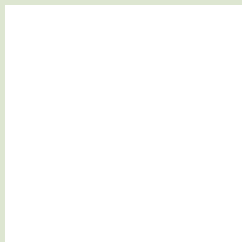
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.373, 126.111

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.373, 126.111.

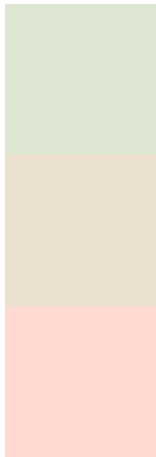


This preview shows how white text looks on a background with the CIELCh color 90, 11.373, 126.111.

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](#).

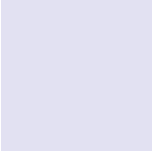
Dichromacy



Original Color
90, 11.373, 126.111

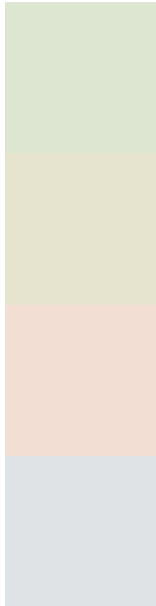
Protanopia
90, 10.504, 88.615

Deuteranopia
90, 13.958, 35.255



Tritanopia
90, 8.856, 293.141

Trichromacy



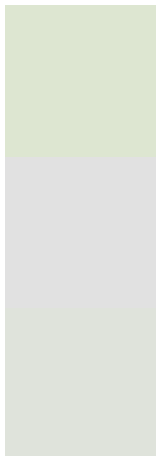
Original Color
90, 11.373, 126.111

Protanomaly
90, 10.397, 103.196

Deuteranomaly
90, 9.687, 59.550

Tritanomaly
90, 1.878, 255.956

Monochromacy



Original Color
90, 11.373, 126.111

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.400, 128.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.373, 126.111 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(221, 230, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 209)  
}
```

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(221, 230, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.373, 126.111 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(221, 230, 209) }
```

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

```
.border{ border-color:rgb(221, 230, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.373, 126.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 209) }
```

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

```
.background{ background-color: rgb(221,  
230, 209) }
```

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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