

Converting Colors

CIELCh(90, 18.075, 127.895)

Have a look what the booklet for
CIELCh(90, 18.075, 127.895)
contains.

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Color

CIELCh(90, 18.075, 127.895)

Conversions

Conversions Part 1

Format	Color
Hex	D8E8C7
RGB	216, 232, 199
RGB Percent	85%, 91%, 78%
CMY	0.1536, 0.0909, 0.2203
CMYK	0.07, 0.00, 0.14, 0.09
HSL	89°, 42%, 84%
HSV	89°, 14%, 91%
XYZ	67.3648, 76.3034, 65.1075
YIQ	223.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

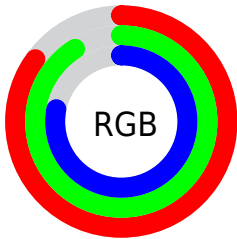
Format	Color
RYB	199, 232, 215
Decimal	14215367
CIELab	90.00, -11.10, 14.26
CIElCh	90, 18.075, 127.895
Yxy	76.3034, 0.3227, 0.3655
Android (android.graphics.Color)	4292405447 (0xFFD8E8C7)
YUV	223.4540, -12.0558, -6.5372
Hunter-Lab	87.3518, -15.2084, 16.9546

Details

The CIELCh color **90, 18.075, 127.895** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 18.447, 309.199**, 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, 17.878, 127.712** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.759, 127.410**, and if you desaturate by 10%, it is **91, 5.362, 128.377**.

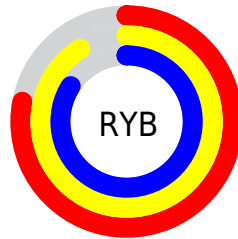
Distribution



Red (85%)

Green (91%)

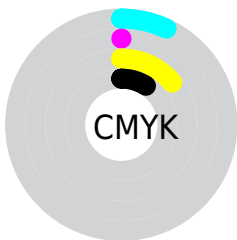
Blue (78%)



Red (78%)

Yellow (91%)

Blue (84%)

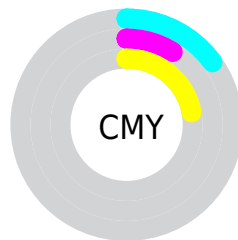


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (15%)


Magenta (9%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.075, 127.895 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, 18.075, 127.895 by changing the saturation by 10% instead.


 90, 18.075,
127.895


 90, 18.075,
127.895


 100, 18.075,
127.895


 80, 18.075,
127.895

 70, 18.075,
127.895

 60, 18.075,
127.895

 50, 18.075,
127.895

 40, 18.075,
127.895

 30, 18.075,
127.895

 20, 18.075,

127.895

■ 10, 18.075,
127.895

■ 0, 18.075, 127.895

■ 90, 18.075,
127.895

■ 90, 18.075,
127.895

■ 89, 30.759,
127.410

■ 91, 5.362, 128.377

■ 88, 43.289,
126.918

■ 93, 7.304, 308.767

■ 87, 55.493,
126.450

■ 94, 13.502,
318.131

■ 86, 67.123,
126.055

■ 94, 14.470,
324.923

■ 85, 77.817,
125.809

■ 84, 87.088,
125.819

■ 83, 94.382,
126.215

■ 83, 99.287,
127.103

■ 83, 101.244,
127.776

Harmonies

Complementary

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



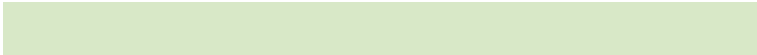
90, 18.075, 127.895



82, 18.447, 309.199

Rectangle

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



90, 18.075, 127.895



90, 18.075, 177.895



90, 18.075, 307.895



90, 18.075, 357.895

Sweetspot

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



90, 18.077, 127.898



99, 5.472, 128.388



87, 10.501, 71.837



53, 3.891, 128.350



0, 0.000, 0.000



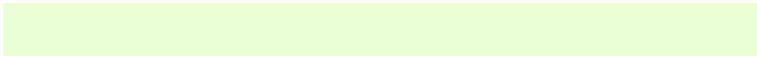
53, 0.007, 296.813

Same Dimension

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



90, 18.077, 127.898



98, 23.327, 127.760



89, 20.900, 143.155



48, 7.149, 128.126



65, 83.033, 127.495



18, 32.145, 127.036

Inverse Universe

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



82, 18.447, 309.199



88, 23.899, 309.344



84, 20.930, 324.753



45, 7.251, 308.961



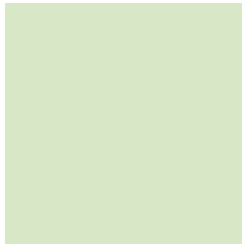
27, 95.764, 311.588



4, 35.534, 310.499

Previews

White Background



This preview shows how the CIELCh color 90, 18.075, 127.895 looks on a white background.

Color Contrast Check

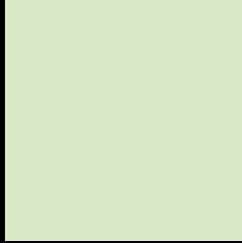
Large Text (above 18pt) WCAG AA × Fail

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 90, 18.075, 127.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

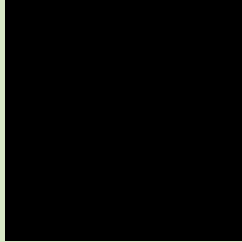
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

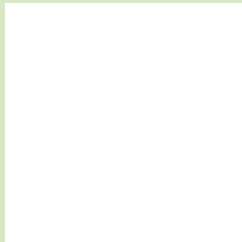
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 18.075, 127.895

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.075, 127.895.

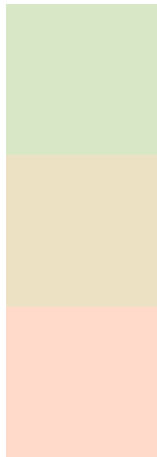


This preview shows how white text looks on a background with the CIELCh color 90, 18.075, 127.895.

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](#).

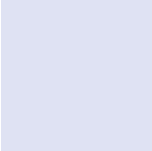
Dichromacy



Original Color
90, 18.075, 127.895

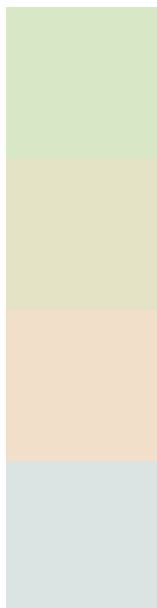
Protanopia
90, 15.673, 92.084

Deuteranopia
90, 16.093, 48.926



Tritanopia
90, 8.880, 284.210

Trichromacy



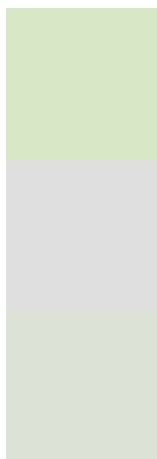
Original Color
90, 18.075, 127.895

Protanomaly
90, 15.522, 106.124

Deuteranomaly
90, 13.267, 78.484

Tritanomaly
90, 2.886, 189.047

Monochromacy



Original Color
90, 18.075, 127.895

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.613, 128.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.075, 127.895 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(216, 232, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 232, 199)  
}
```

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(216, 232, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 232, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.075, 127.895 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(216, 232, 199) }
```

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

```
.border{ border-color:rgb(216, 232, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 232, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 232, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 232, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 232,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.075, 127.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 232, 199) }
```

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

```
.background{ background-color: rgb(216,  
232, 199) }
```

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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