

Converting Colors

CIELCh(90, 22.396, 121.312)

Have a look what the booklet for
CIELCh(90, 22.396, 121.312)
contains.

CIELCh(90, 22.201, 121.129)	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

CIE LCh(90, 22.201, 121.129)

Conversions

Conversions Part 1

Format	Color
Hex	DBE8BE
RGB	219, 232, 190
RGB Percent	86%, 91%, 75%
CMY	0.1421, 0.0911, 0.2558
CMYK	0.06, 0.00, 0.18, 0.09
HSL	79°, 47%, 83%
HSV	79°, 18%, 91%
XYZ	67.1948, 76.3034, 59.7653
YIQ	223.3250, 5.7340, -15.8180

Conversions

Conversions Part 2

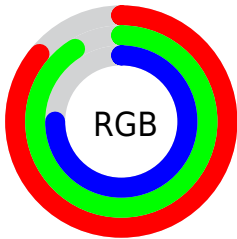
Format	Color
RYB	190, 232, 203
Decimal	14411966
CIELab	90.00, -11.48, 19.00
CIElCh	90, 22.201, 121.129
Yxy	76.3034, 0.3306, 0.3754
Android (android.graphics.Color)	4292602046 (0xFFDBE8BE)
YUV	223.3250, -16.4292, -3.7930
Hunter-Lab	87.3518, -15.5556, 20.5806

Details

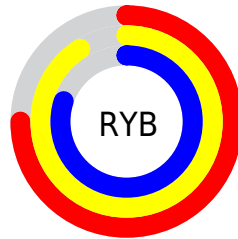
The CIELCh color **90, 22.201, 121.129** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 22.985, 303.289**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **70, 22.203, 120.505** is the 20% darker color. If you saturate the color by 10%, you get **89, 34.330, 120.548**, and if you desaturate by 10%, it is **91, 9.958, 121.714**.

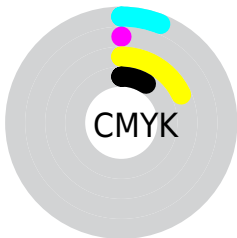
Distribution



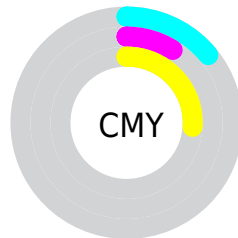
- Red (86%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (14%)
- Magenta (9%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 22.201, 121.129 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, 22.201, 121.129 by changing the saturation by 10% instead.


 90, 22.201,
121.129


 90, 22.201,
121.129


 100, 22.201,
121.129


 80, 22.201,
121.129

 70, 22.201,
121.129

 60, 22.201,
121.129

 50, 22.201,
121.129

 40, 22.201,
121.129

 30, 22.201,
121.129

 20, 22.201,

121.129

■ 10, 22.201,
121.129

■ 0, 22.201, 121.129

■ 90, 22.201,
121.129

■ 90, 22.201,
121.129

■ 89, 34.330,
120.548

■ 91, 9.958, 121.714

■ 92, 2.318, 302.241

■ 88, 46.211,
119.981

■ 93, 12.404,
304.769

■ 87, 57.655,
119.468

■ 94, 13.229,
315.322

■ 87, 68.376,
119.063

■ 94, 14.445,
324.499

■ 86, 77.965,
118.847

■ 94, 14.516,
324.924

■ 86, 85.892,
118.925

■ 85, 91.625,
119.411

■ 85, 94.989,
120.358

■ 85, 95.499,
120.555

Harmonies

Complementary

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



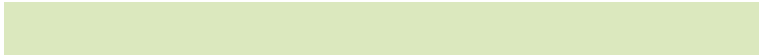
90, 22.201, 121.129



79, 22.985, 303.289

Rectangle

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



90, 22.201, 121.129



90, 22.201, 171.129



90, 22.201, 301.129



90, 22.201, 351.129

Sweetspot

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



90, 22.203, 121.132



99, 6.622, 121.893



84, 13.076, 50.374



53, 4.519, 121.852



0, 0.000, 0.000



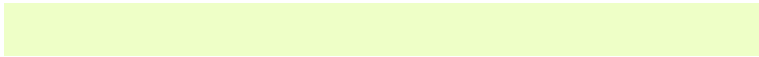
53, 0.007, 296.813

Same Dimension

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



90, 22.203, 121.132



98, 29.097, 120.898



89, 25.119, 137.927



48, 6.910, 121.637



67, 78.423, 120.305



19, 30.566, 119.844

Inverse Universe

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



79, 22.985, 303.289



83, 30.367, 303.575



81, 25.340, 319.611



44, 7.040, 302.714



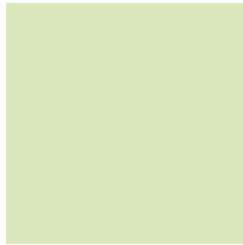
24, 99.167, 308.477



3, 34.521, 304.519

Previews

White Background



This preview shows how the CIELCh color 90, 22.201, 121.129 looks on a white background.

Color Contrast Check

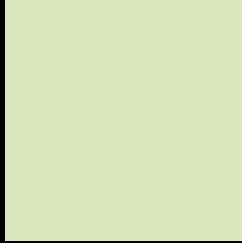
Large Text (above 18pt) WCAG AA × Fail

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, 22.201, 121.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

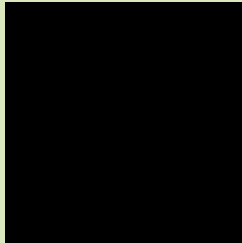
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

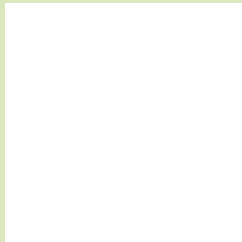
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 22.201, 121.129

Background



This preview shows how black text looks on a background with the CIELCh color 90, 22.201, 121.129.

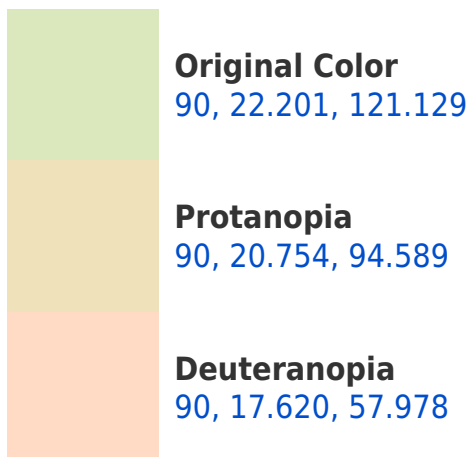


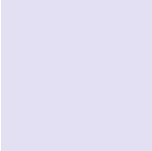
This preview shows how white text looks on a background with the CIELCh color 90, 22.201, 121.129.

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](#).

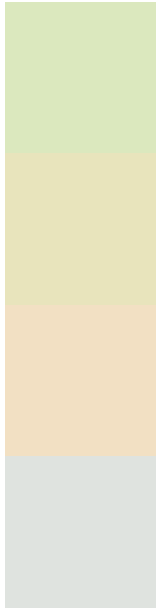
Dichromacy





Tritanopia
90, 9.407, 295.166

Trichromacy



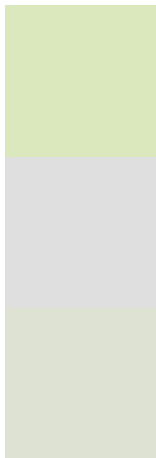
Original Color
90, 22.201, 121.129

Protanomaly
90, 20.684, 104.247

Deuteranomaly
90, 16.509, 84.420

Tritanomaly
90, 2.528, 144.456

Monochromacy



Original Color
90, 22.201, 121.129

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.004, 122.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 22.201, 121.129 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(219, 232, 190)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 190)  
}
```

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(219, 232, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 22.201, 121.129 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(219, 232, 190) }
```

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

```
.border{ border-color:rgb(219, 232, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 232, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 190);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 22.201, 121.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 232, 190) }
```

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

```
.background{ background-color: rgb(219,  
232, 190) }
```

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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