

Converting Colors

CIELCh(90, 7.499, 140.785)

Have a look what the booklet for
CIELCh(90, 7.499, 140.785) contains.

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Color

CIELCh(90, 7.219, 139.588)

Conversions

Conversions Part 1

Format	Color
Hex	DBE5D9
RGB	219, 229, 217
RGB Percent	86%, 90%, 85%
CMY	0.1402, 0.1009, 0.1480
CMYK	0.04, 0.00, 0.05, 0.10
HSL	110°, 19%, 88%
HSV	110°, 5%, 90%
XYZ	69.9380, 76.3034, 76.8610
YIQ	224.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

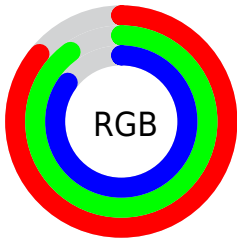
Format	Color
RYB	217, 229, 227
Decimal	14411225
CIELab	90.00, -5.50, 4.68
CIELCh	90, 7.219, 139.588
Yxy	76.3034, 0.3135, 0.3420
Android (android.graphics.Color)	4292601305 (0xFFDBE5D9)
YUV	224.6420, -3.7675, -4.9480
Hunter-Lab	87.3518, -9.9501, 8.9769

Details

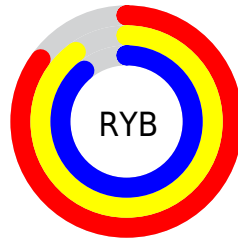
The CIELCh color **90, 7.219, 139.588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 7.254, 320.005**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 7.609, 139.506** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.137, 139.048**, and if you desaturate by 10%, it is **92, 6.537, 319.969**.

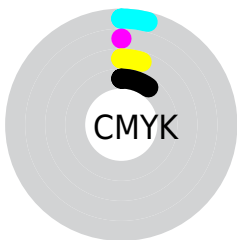
Distribution



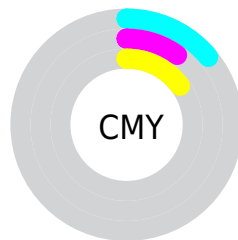
- Red (86%)
- Green (90%)
- Blue (85%)



- Red (85%)
- Yellow (90%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.219, 139.588 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, 7.219, 139.588 by changing the saturation by 10% instead.

■ 90, 7.219, 139.588

■ 90, 7.219, 139.588

■ 100, 7.219,
139.588

■ 80, 7.219, 139.588

■ 70, 7.219, 139.588

■ 60, 7.219, 139.588

■ 50, 7.219, 139.588

■ 40, 7.219, 139.588

■ 30, 7.219, 139.588

■ 20, 7.219, 139.588

■ 10, 7.219, 139.588

■ 0, 7.219, 139.588

90, 7.219, 139.588

90, 7.219, 139.588

88, 21.137,
139.048

92, 6.537, 319.969

86, 35.076,
138.450

94, 16.084,
324.981

85, 48.856,
137.783

84, 62.225,
137.062

83, 74.844,
136.321

82, 86.266,
135.631

81, 95.935,
135.098

80, 103.249,
134.855

■ 80,107.791,
135.000

Harmonies

Complementary

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



90, 7.219, 139.588



88, 7.254, 320.005

Rectangle

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



90, 7.219, 139.588



90, 7.219, 189.588



90, 7.219, 319.588



90, 7.219, 9.588

Sweetspot

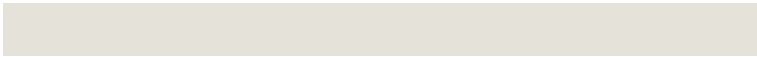
The Sweet Spot groups the original color and five complimentary colors.



90, 7.221, 139.590



100, 2.993, 139.796



90, 5.217, 101.730



53, 1.701, 139.805



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, 7.221, 139.590



99, 9.025, 139.547



90, 6.004, 155.359



48, 5.493, 139.516



64, 90.391, 134.995



18, 35.338, 135.955

Inverse Universe

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



88, 7.254, 320.005



96, 9.066, 320.046



88, 6.035, 335.968



46, 5.518, 320.075



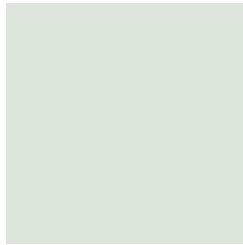
37, 89.693, 321.908



7, 37.174, 322.695

Previews

White Background



This preview shows how the CIELCh color 90, 7.219, 139.588 looks on a white background.

Color Contrast Check

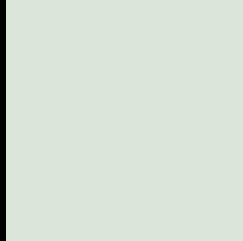
Large Text (above 18pt) WCAG AA × Fail

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, 7.219, 139.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

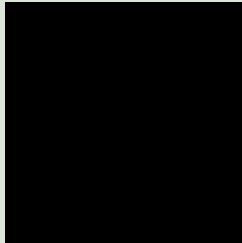
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

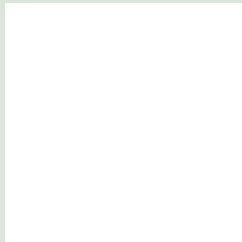
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.219, 139.588

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.219, 139.588.

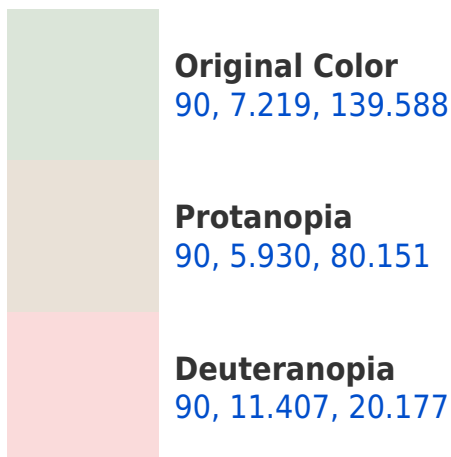


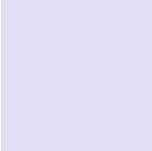
This preview shows how white text looks on a background with the CIELCh color 90, 7.219, 139.588.

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](#).

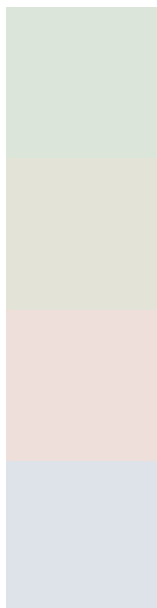
Dichromacy





Tritanopia
90, 9.378, 286.727

Trichromacy



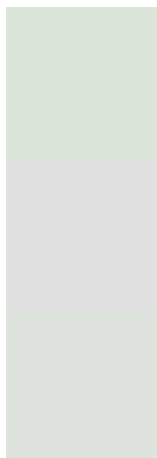
Original Color
90, 7.219, 139.588

Protanomaly
90, 5.698, 106.040

Deuteranomaly
90, 6.388, 43.559

Tritanomaly
90, 4.015, 264.622

Monochromacy



Original Color
90, 7.219, 139.588

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.971, 138.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.219, 139.588 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, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 217)  
}
```

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, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.219, 139.588 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, 229, 217) }
```

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

```
.border{ border-color:rgb(219, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.219, 139.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 217) }
```

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

```
.background{ background-color: rgb(219,  
229, 217) }
```

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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