

Converting Colors

CIELCh(90, 8.906, 149.691)

Have a look what the booklet for
CIELCh(90, 8.906, 149.691) contains.

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Color

CIELCh(90, 8.899, 149.693)

Conversions

Conversions Part 1

Format	Color
Hex	D7E7DA
RGB	215, 231, 218
RGB Percent	84%, 91%, 85%
CMY	0.1587, 0.0959, 0.1469
CMYK	0.07, 0.00, 0.06, 0.10
HSL	131°, 25%, 87%
HSV	131°, 7%, 90%
XYZ	68.9267, 76.3034, 77.1062
YIQ	224.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

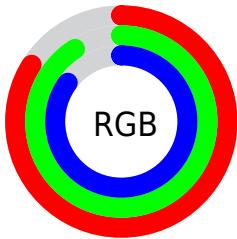
Format	Color
R _Y B	215, 228, 231
Decimal	14149594
CIE Lab	90.00, -7.68, 4.49
CIE LCh	90, 8.899, 149.693
Yxy	76.3034, 0.3100, 0.3432
Android (android.graphics.Color)	4292339674 (0xFFD7E7DA)
YUV	224.7340, -3.3199, -8.5367
Hunter-Lab	87.3518, -12.0166, 8.8104

Details

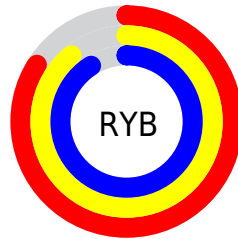
The CIELCh color **90, 8.899, 149.693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 8.929, 330.484**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 8.718, 150.014** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.847, 148.947**, and if you desaturate by 10%, it is **92, 3.908, 330.189**.

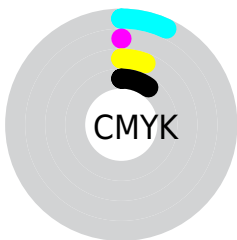
Distribution



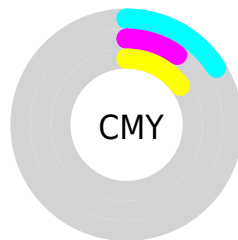
- Red (84%)
- Green (91%)
- Blue (85%)



- Red (84%)
- Yellow (89%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.899, 149.693 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, 8.899, 149.693 by changing the saturation by 10% instead.

90, 8.899, 149.693

90, 8.899, 149.693

100, 8.899,
149.693

80, 8.899, 149.693

70, 8.899, 149.693

60, 8.899, 149.693

50, 8.899, 149.693

40, 8.899, 149.693

30, 8.899, 149.693

20, 8.899, 149.693

10, 8.899, 149.693

0, 8.899, 149.693

90, 8.899, 149.693

90, 8.899, 149.693

88, 21.847,
148.947

92, 3.908, 330.189

86, 34.776,
148.102

94, 15.284,
324.953

85, 47.491,
147.123

94, 15.284,
324.952

83, 59.749,
145.992

82, 71.270,
144.700

82, 81.754,
143.252

81, 90.904,
141.681

81, 98.446,
140.054

■ 80, 104.168,
138.491

Harmonies

Complementary

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



90, 8.899, 149.693



87, 8.929, 330.484

Rectangle

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



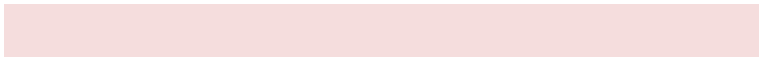
90, 8.899, 149.693



90, 8.899, 199.693



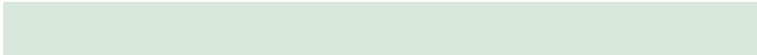
90, 8.899, 329.693



90, 8.899, 19.693

Sweetspot

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



90, 8.901, 149.692



100, 2.767, 150.104



91, 8.336, 116.868



53, 1.573, 150.117



0, 0.000, 0.000



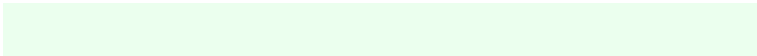
53, 0.007, 296.813

Same Dimension

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



90, 8.901, 149.692



98, 11.146, 149.612



90, 6.269, 174.262



47, 7.272, 149.510



63, 86.645, 138.346



17, 33.385, 142.287

Inverse Universe

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



87, 8.929, 330.484



95, 11.179, 330.558



87, 6.394, 355.384



45, 7.294, 330.651



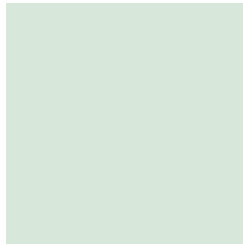
41, 76.459, 337.377



8, 32.789, 335.718

Previews

White Background



This preview shows how the CIELCh color 90, 8.899, 149.693 looks on a white background.

Color Contrast Check

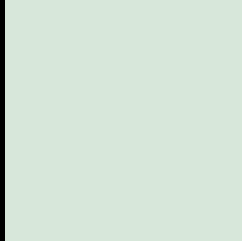
Large Text (above 18pt) WCAG AA × Fail

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, 8.899, 149.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

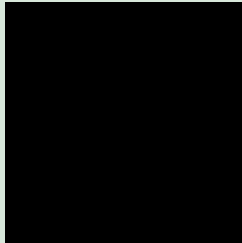
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

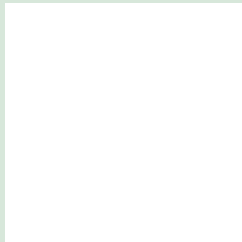
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.899, 149.693

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.899, 149.693.

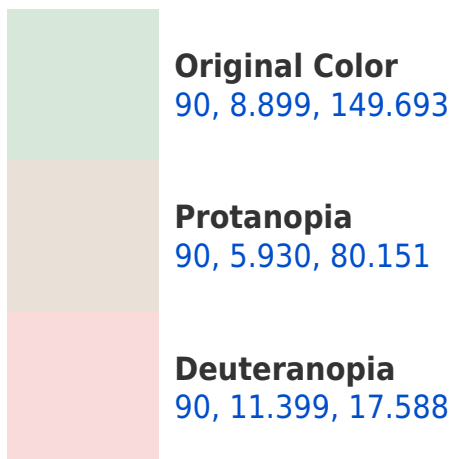


This preview shows how white text looks on a background with the CIELCh color 90, 8.899, 149.693.

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, 9.197, 273.553

Trichromacy



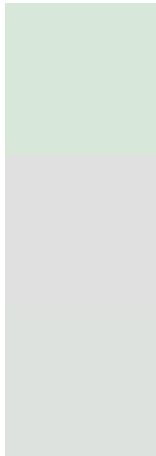
Original Color
90, 8.899, 149.693

Protanomaly
90, 5.707, 113.349

Deuteranomaly
90, 5.497, 41.746

Tritanomaly
90, 4.898, 238.923

Monochromacy



Original Color
90, 8.899, 149.693

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.752, 150.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.899, 149.693 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(215, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 231, 218)  
}
```

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(215, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 231, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.899, 149.693 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(215, 231, 218) }
```

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

```
.border{ border-color:rgb(215, 231, 218) }
```

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

Here you see how a box with a 4 pixel rgb(215, 231, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 231,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.899, 149.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 231, 218) }
```

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

```
.background{ background-color: rgb(215,  
231, 218) }
```

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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