

Converting Colors

CIELCh(89, 12.592, 143.677)

Have a look what the booklet for
CIELCh(89, 12.592, 143.677)
contains.

CIELCh(89, 12.724, 143.951)	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

CIELCh(89, 12.724, 143.951)

Conversions

Conversions Part 1

Format	Color
Hex	D1E5D1
RGB	209, 229, 209
RGB Percent	82%, 90%, 82%
CMY	0.1806, 0.1021, 0.1806
CMYK	0.09, 0.00, 0.09, 0.10
HSL	120°, 28%, 86%
HSV	120°, 9%, 90%
XYZ	65.7923, 74.1641, 71.1409
YIQ	220.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

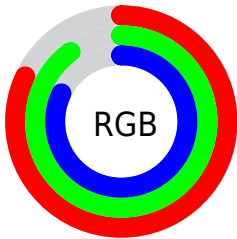
Format	Color
R_{YB}	209, 229, 229
Decimal	13755857
CIE _{Lab}	89.00, -10.29, 7.49
CIE _{LCh}	89, 12.724, 143.951
Yxy	74.1641, 0.3117, 0.3513
Android (android.graphics.Color)	4291945937 (0xFFD1E5D1)
YUV	220.7400, -5.7878, -10.2960
Hunter-Lab	86.1186, -14.3383, 11.3047

Details

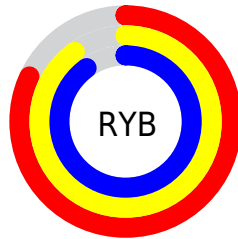
The CIELCh color **89, 12.724, 143.951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 12.747, 324.900**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 12.742, 143.819** is the 20% darker color. If you saturate the color by 10%, you get **87, 27.428, 143.253**, and if you desaturate by 10%, it is **91, 1.837, 324.355**.

Distribution



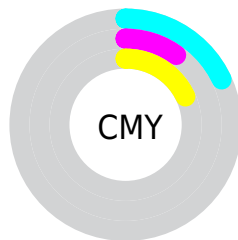
- Red (82%)
- Green (90%)
- Blue (82%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 12.724, 143.951 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 89, 12.724, 143.951 by changing the saturation by 10% instead.


 89, 12.724,
143.951


 89, 12.724,
143.951


 100, 12.724,
143.951


 79, 12.724,
143.951


 69, 12.724,
143.951

 59, 12.724,
143.951

 49, 12.724,
143.951

 39, 12.724,
143.951

 29, 12.724,
143.951

 19, 12.724,

143.951

■ 9, 12.724, 143.951

■ 0, 12.724, 143.951

■ 89, 12.724,
143.951

■ 89, 12.724,
143.951

■ 87, 27.428,
143.253

■ 91, 1.837, 324.355

■ 85, 42.066,
142.445

■ 94, 16.119,
324.983

■ 84, 56.364,
141.514

■ 94, 16.273,
324.987

■ 82, 69.963,
140.467

■ 81, 82.413,

139.338

■ 81, 93.177,
138.204

■ 80, 101.656,
137.189

■ 80, 107.320,
136.446

■ 80, 110.137,
136.055

Harmonies

Complementary

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



89, 12.724, 143.951



86, 12.747, 324.900

Rectangle

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



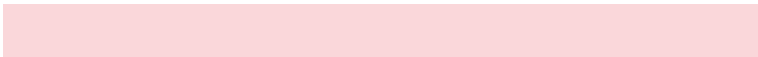
89, 12.724, 143.951



89, 12.724, 193.951



89, 12.724, 323.951



89, 12.724, 13.951

Sweetspot

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



89, 12.726, 143.951



99, 4.742, 144.339



90, 10.333, 109.330



53, 3.599, 144.278



0, 0.000, 0.000



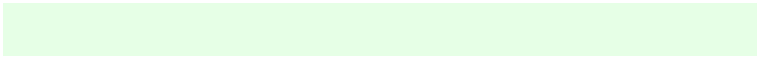
53, 0.007, 296.813

Same Dimension

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



89, 12.726, 143.951



98, 15.911, 143.864



89, 8.871, 162.970



47, 8.293, 143.904



63, 91.650, 136.016



17, 36.761, 138.832

Inverse Universe

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



86, 12.747, 324.900



94, 15.934, 324.976



86, 8.978, 344.332



45, 8.306, 324.942



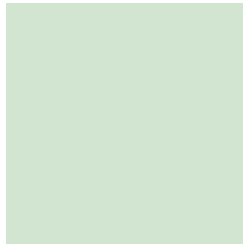
42, 88.426, 328.234



9, 37.107, 328.233

Previews

White Background



This preview shows how the CIELCh color 89, 12.724, 143.951 looks on a white background.

Color Contrast Check

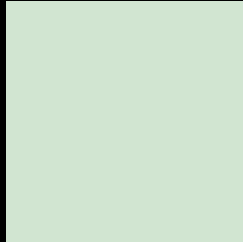
Large Text (above 18pt) WCAG AA × Fail

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 89, 12.724, 143.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

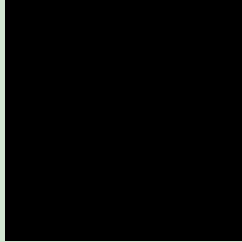
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

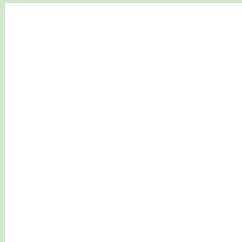
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.724, 143.951

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.724, 143.951.

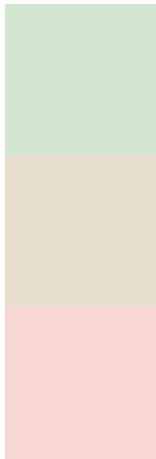


This preview shows how white text looks on a background with the CIELCh color 89, 12.724, 143.951.

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
89, 12.724, 143.951

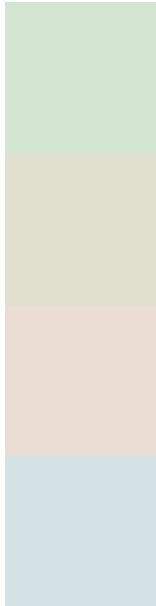
Protanopia
89, 9.423, 88.643

Deuteranopia
89, 12.458, 29.772



Tritanopia
89, 9.914, 270.769

Trichromacy



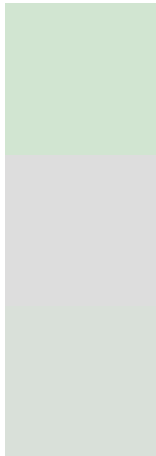
Original Color
89, 12.724, 143.951

Protanomaly
89, 9.884, 113.634

Deuteranomaly
89, 7.051, 66.886

Tritanomaly
89, 5.278, 222.495

Monochromacy



Original Color
89, 12.724, 143.951

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.447, 144.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.724, 143.951 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(209, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 229, 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(209, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 229, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.724, 143.951 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(209, 229, 209) }
```

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

```
.border{ border-color:rgb(209, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 229,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.724, 143.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 229, 209) }
```

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

```
.background{ background-color: rgb(209,  
229, 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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