

Converting Colors

CIELCh(87, 8.949, 144.109)

Have a look what the booklet for
CIELCh(87, 8.949, 144.109) contains.

CIELCh(87, 8.941, 144.111)	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(87, 8.941, 144.111)

Conversions

Conversions Part 1

Format	Color
Hex	D0DED0
RGB	208, 222, 208
RGB Percent	82%, 87%, 82%
CMY	0.1854, 0.1305, 0.1854
CMYK	0.06, 0.00, 0.06, 0.13
HSL	120°, 17%, 84%
HSV	120°, 6%, 87%
XYZ	63.3349, 70.0064, 69.6731
YIQ	216.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

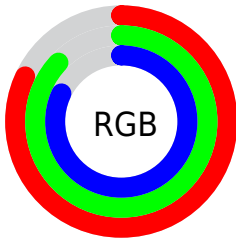
Format	Color
R_{YB}	208, 222, 222
Decimal	13688528
CIE Lab	87.00, -7.24, 5.24
CIE LCh	87, 8.941, 144.111
Yxy	70.0064, 0.3120, 0.3448
Android (android.graphics.Color)	4291878608 (0xFFD0DED0)
YUV	216.2180, -4.0515, -7.2072
Hunter-Lab	83.6698, -11.3043, 9.1972

Details

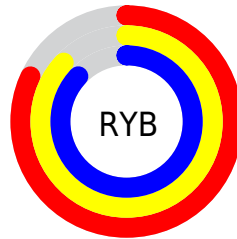
The CIELCh color `87, 8.941, 144.111` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 8.962, 324.758`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 8.765, 144.024` is the 20% darker color. If you saturate the color by 10%, you get `85, 23.250, 143.434`, and if you desaturate by 10%, it is `89, 5.189, 324.583`.

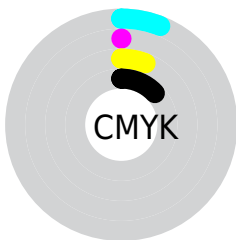
Distribution



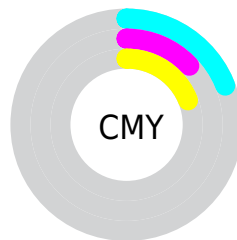
- Red (82%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.941, 144.111 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 87, 8.941, 144.111 by changing the saturation by 10% instead.

■ 87, 8.941, 144.111

■ 87, 8.941, 144.111

■ 100, 8.941,
144.111

■ 77, 8.941, 144.111

■ 67, 8.941, 144.111

■ 57, 8.941, 144.111

■ 47, 8.941, 144.111

■ 37, 8.941, 144.111

■ 27, 8.941, 144.111

■ 17, 8.941, 144.111

■ 7, 8.941, 144.111

■ 0, 8.941, 144.111

87, 8.941, 144.111

87, 8.941, 144.111

85, 23.250,
143.434

89, 5.189, 324.583

83, 37.548,
142.656

92, 19.023,
325.093

82, 51.590,
141.758

92, 20.822,
325.149


80, 65.047,
140.740

79, 77.505,
139.628

79, 88.463,
138.487

78, 97.348,
137.430

78, 103.609,
136.605

 77,106.968,
136.133

Harmonies

Complementary

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



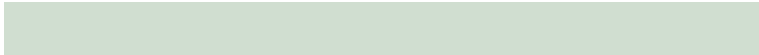
87, 8.941, 144.111



85, 8.962, 324.758

Rectangle

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



87, 8.941, 144.111



87, 8.941, 194.111



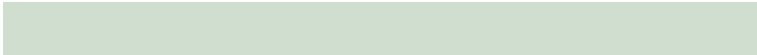
87, 8.941, 324.111



87, 8.941, 14.111

Sweetspot

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



87, 8.943, 144.111



100, 3.155, 144.429



88, 7.276, 109.563



53, 1.793, 144.440



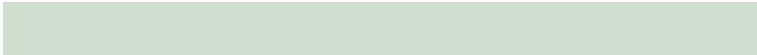
0, 0.000, 0.000



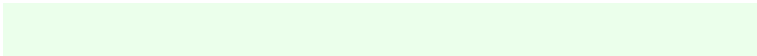
53, 0.007, 296.813

Same Dimension

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



87, 8.943, 144.111



98, 12.711, 143.997



87, 6.243, 163.200



45, 7.989, 143.908



62, 89.702, 136.016



15, 33.723, 140.236

Inverse Universe

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



85, 8.962, 324.758



95, 12.732, 324.861



85, 6.304, 344.103



43, 8.001, 324.940



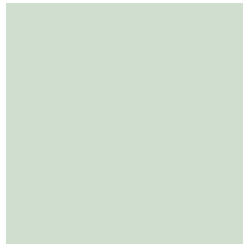
41, 86.546, 328.235



7, 34.555, 328.175

Previews

White Background



This preview shows how the CIELCh color 87, 8.941, 144.111 looks on a white background.

Color Contrast Check

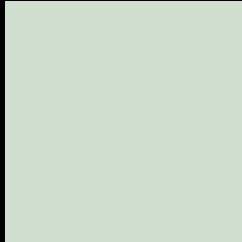
Large Text (above 18pt) WCAG AA × Fail

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 87, 8.941, 144.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

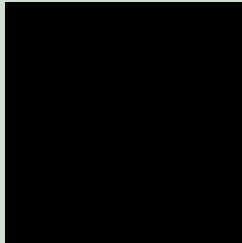
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

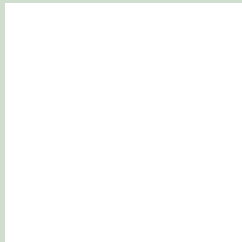
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.941, 144.111

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.941, 144.111.

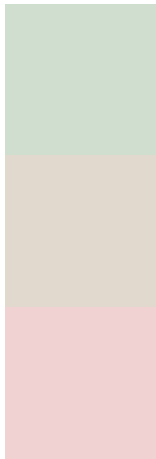


This preview shows how white text looks on a background with the CIELCh color 87, 8.941, 144.111.

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](#).

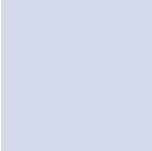
Dichromacy



Original Color
87, 8.941, 144.111

Protanopia
87, 6.904, 84.248

Deuteranopia
87, 11.506, 20.213



Tritanopia
87, 9.099, 277.753

Trichromacy



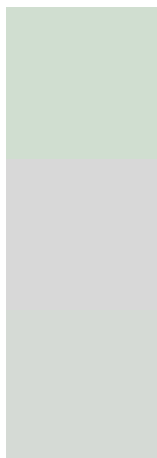
Original Color
87, 8.941, 144.111

Protanomaly
87, 6.772, 109.599

Deuteranomaly
87, 6.103, 44.949

Tritanomaly
87, 4.420, 244.727

Monochromacy



Original Color
87, 8.941, 144.111

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 3.188, 144.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.941, 144.111 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(208, 222, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 222, 208)  
}
```

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(208, 222, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 222, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.941, 144.111 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(208, 222, 208) }
```

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

```
.border{ border-color:rgb(208, 222, 208) }
```

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

Here you see how a box with a 4 pixel rgb(208, 222, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 222, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 222, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 222,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.941, 144.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 222, 208) }
```

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

```
.background{ background-color: rgb(208,  
222, 208) }
```

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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