

Converting Colors

CIELCh(87, 11.405, 172.761)

Have a look what the booklet for
CIELCh(87, 11.405, 172.761)
contains.

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Color

CIELCh(87, 11.339, 174.082)

Conversions

Conversions Part 1

Format	Color
Hex	C3E0D7
RGB	195, 224, 215
RGB Percent	76%, 88%, 84%
CMY	0.2343, 0.1205, 0.1558
CMYK	0.13, 0.00, 0.04, 0.12
HSL	161°, 32%, 82%
HSV	161°, 13%, 88%
XYZ	61.5956, 70.0064, 74.7295
YIQ	214.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

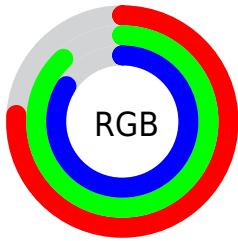
Format	Color
RYB	195, 212, 224
Decimal	12837079
CIELab	87.00, -11.28, 1.17
CIELCh	87, 11.339, 174.082
Yxy	70.0064, 0.2985, 0.3393
Android (android.graphics.Color)	4291027159 (0xFFC3E0D7)
YUV	214.3030, 0.3436, -16.9287
Hunter-Lab	83.6698, -15.0150, 5.6142

Details

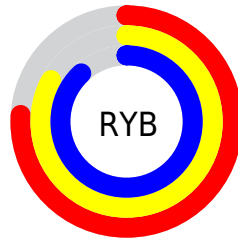
The CIELCh color $87, 11.339, 174.082$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $82, 11.754, 356.457$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.042, 199.975$, and $67, 11.586, 172.992$ is the 20% darker color. If you saturate the color by 10%, you get $85, 19.893, 173.042$, and if you desaturate by 10%, it is $89, 2.586, 175.173$.

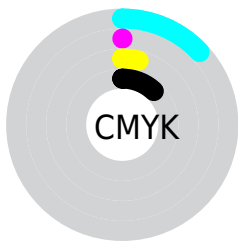
Distribution



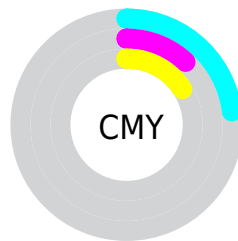
- Red (76%)
- Green (88%)
- Blue (84%)



- Red (76%)
- Yellow (83%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)





- Cyan (23%)
- Magenta (12%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 11.339, 174.082 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, 11.339, 174.082 by changing the saturation by 10% instead.


 87, 11.339,
174.082


 87, 11.339,
174.082


 100, 11.339,
174.082


 77, 11.339,
174.082

 67, 11.339,
174.082

 57, 11.339,
174.082

 47, 11.339,
174.082

 37, 11.339,
174.082

 27, 11.339,
174.082

 17, 11.339,

174.082

■ 7, 11.339, 174.082

■ 0, 11.339, 174.082

■ 87, 11.339,
174.082

■ 87, 11.339,
174.082

■ 85, 19.893,
173.042

■ 89, 2.586, 175.173

■ 84, 28.111,
171.932

■ 91, 6.259, 355.773

■ 83, 35.849,
170.719

■ 92, 12.645,
351.342

■ 82, 42.957,
169.378

■ 92, 14.662,
338.915

■ 81, 49.301,

■ 92, 17.212,
329.898

167.885

93, 19.226,
325.092

80, 54.779,
166.214

80, 59.348,
164.345

80, 63.043,
162.272

80, 65.269,
160.735

Harmonies

Complementary

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



87, 11.339, 174.082



82, 11.754, 356.457

Rectangle

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



87, 11.339, 174.082



87, 11.339, 224.082



87, 11.339, 354.082



87, 11.339, 44.082

Sweetspot

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



87, 11.341, 174.076



99, 3.911, 175.019



87, 16.834, 134.651



53, 2.779, 174.926



0, 0.000, 0.000



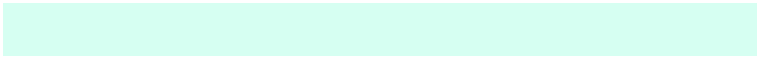
53, 0.007, 296.813

Same Dimension

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



87, 11.341, 174.076



97, 15.524, 173.753



86, 8.600, 217.927



46, 4.993, 174.430



64, 54.108, 161.121



17, 20.852, 165.277

Inverse Universe

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



82, 11.754, 356.457



89, 16.233, 356.812



83, 9.349, 37.379



44, 5.127, 356.079



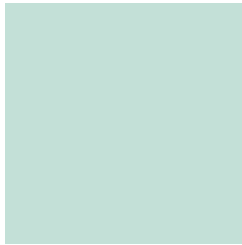
37, 65.990, 19.940



6, 25.379, 7.130

Previews

White Background



This preview shows how the CIE LCh color 87, 11.339, 174.082 looks on a white background.

Color Contrast Check

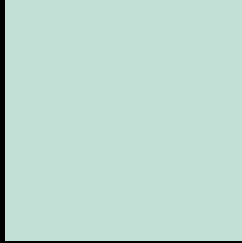
Large Text (above 18pt) WCAG AA × Fail

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, 11.339, 174.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

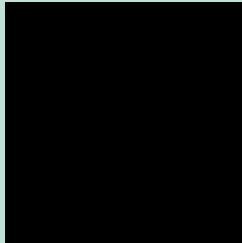
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

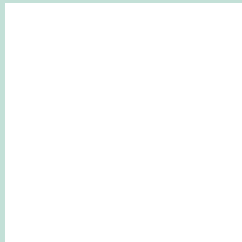
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 11.339, 174.082

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.339, 174.082.



This preview shows how white text looks on a background with the CIELCh color 87, 11.339, 174.082.

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](#).

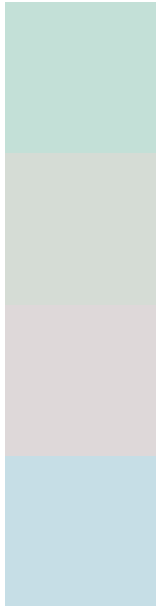
Dichromacy





Tritanopia
87, 11.445, 250.332

Trichromacy



Original Color
87, 11.339, 174.082

Protanomaly
87, 4.463, 144.326

Deuteranomaly
87, 2.239, 5.812

Tritanomaly
87, 9.153, 226.267

Monochromacy



Original Color
87, 11.339, 174.082

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.926, 175.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.339, 174.082 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(195, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 215)  
}
```

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(195, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.339, 174.082 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(195, 224, 215) }
```

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

```
.border{ border-color:rgb(195, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.339, 174.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 215) }
```

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

```
.background{ background-color: rgb(195,  
224, 215) }
```

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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