

Converting Colors

CIELCh(87, 4.971, 177.198)

Have a look what the booklet for
CIELCh(87, 4.971, 177.198) contains.

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Color

CIELCh(87, 5.111, 174.992)

Conversions

Conversions Part 1

Format	Color
Hex	D0DDD9
RGB	208, 221, 217
RGB Percent	82%, 87%, 85%
CMY	0.1850, 0.1340, 0.1497
CMYK	0.06, 0.00, 0.02, 0.13
HSL	162°, 16%, 84%
HSV	162°, 6%, 87%
XYZ	64.2759, 70.0064, 75.6520
YIQ	216.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

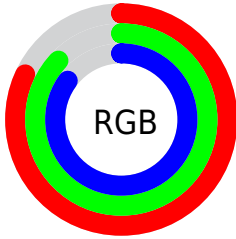
Format	Color
R_{YB}	208, 216, 221
Decimal	13688281
CIE Lab	87.00, -5.09, 0.45
CIE LCh	87, 5.111, 174.992
Yxy	70.0064, 0.3062, 0.3335
Android (android.graphics.Color)	4291878361 (0xFFD0DDD9)
YUV	216.6570, 0.1691, -7.5922
Hunter-Lab	83.6698, -9.2969, 4.9605

Details

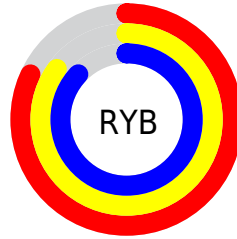
The CIELCh color `87, 5.111, 174.992` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 5.204, 355.867`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 5.050, 173.125` is the 20% darker color. If you saturate the color by 10%, you get `85, 13.698, 173.955`, and if you desaturate by 10%, it is `89, 3.593, 355.635`.

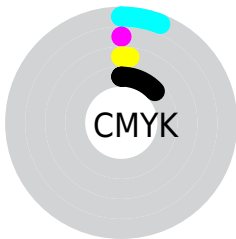
Distribution



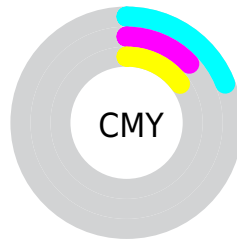
- Red (82%)
- Green (87%)
- Blue (85%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 5.111, 174.992 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, 5.111, 174.992 by changing the saturation by 10% instead.

■ 87, 5.111, 174.992

■ 87, 5.111, 174.992

■ 100, 5.111,
174.992

■ 77, 5.111, 174.992

■ 67, 5.111, 174.992

■ 57, 5.111, 174.992

■ 47, 5.111, 174.992

■ 37, 5.111, 174.992

■ 27, 5.111, 174.992

■ 17, 5.111, 174.992

■ 7, 5.111, 174.992

■ 0, 5.111, 174.992

87, 5.111, 174.992

87, 5.111, 174.992

85, 13.698,
173.955

89, 3.593, 355.635

84, 22.045,
172.903

91, 12.325,
356.582

83, 30.018,
171.768

91, 14.914,
345.900

81, 37.472,
170.523

91, 17.089,
336.090

81, 44.263,
169.144

92, 19.667,
328.737

80, 50.265,
167.607

92, 21.387,
325.169

79, 55.392,
165.885

79, 59.623,
163.964

■ 79, 63.020,
161.843

Harmonies

Complementary

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



87, 5.111, 174.992



85, 5.204, 355.867

Rectangle

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



87, 5.111, 174.992



87, 5.111, 224.992



87, 5.111, 354.992



87, 5.111, 44.992

Sweetspot

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



87, 5.113, 174.979



100, 1.951, 175.526



87, 7.542, 134.983



53, 1.109, 175.550



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, 5.113, 174.979



99, 6.827, 174.854



86, 3.938, 217.818



45, 3.918, 174.803



63, 53.332, 161.347



16, 20.032, 165.747

Inverse Universe

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



85, 5.204, 355.867



95, 6.968, 355.997



85, 4.082, 37.346



44, 4.004, 356.050



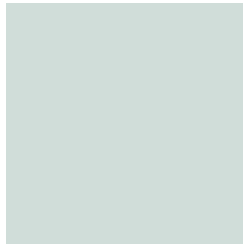
36, 65.333, 20.106



6, 23.919, 6.531

Previews

White Background



This preview shows how the CIELCh color 87, 5.111, 174.992 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, 5.111, 174.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

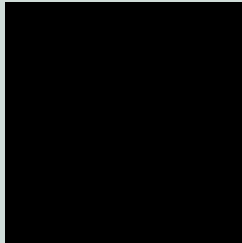
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

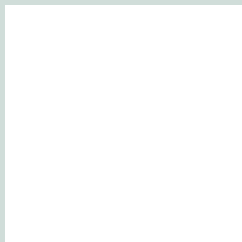
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 5.111, 174.992

Background



This preview shows how black text looks on a background with the CIELCh color 87, 5.111, 174.992.



This preview shows how white text looks on a background with the CIELCh color 87, 5.111, 174.992.

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, 9.176, 275.658

Trichromacy



Original Color
87, 5.111, 174.992

Protanomaly
87, 1.603, 123.015

Deuteranomaly
87, 4.638, 359.893

Tritanomaly
87, 5.616, 256.507

Monochromacy



Original Color
87, 5.111, 174.992

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 2.084, 169.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 5.111, 174.992 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, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 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(208, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 5.111, 174.992 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, 221, 217) }
```

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

```
.border{ border-color:rgb(208, 221, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 5.111, 174.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 217) }
```

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

```
.background{ background-color: rgb(208,  
221, 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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