

Converting Colors

CIELCh(82, 6.583, 107.561)

Have a look what the booklet for
CIELCh(82, 6.583, 107.561) contains.

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Color

CIELCh(82, 6.857, 109.563)

Conversions

Conversions Part 1

Format	Color
Hex	CDCDC0
RGB	205, 205, 192
RGB Percent	80%, 80%, 75%
CMY	0.1970, 0.1969, 0.2479
CMYK	0.00, 0.00, 0.06, 0.20
HSL	60°, 11%, 78%
HSV	60°, 6%, 80%
XYZ	56.3821, 60.2982, 58.4070
YIQ	203.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

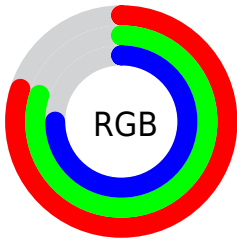
Format	Color
R _{YB}	192, 205, 192
Decimal	13487552
CIE Lab	82.00, -2.30, 6.46
CIE LCh	82, 6.857, 109.563
Yxy	60.2982, 0.3220, 0.3444
Android (android.graphics.Color)	4291677632 (0xFFCDCDC0)
YUV	203.5180, -5.6784, 1.2997
Hunter-Lab	77.6519, -6.2841, 9.7605

Details

The CIELCh color **82, 6.857, 109.563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.970, 290.834**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **62, 6.698, 109.428** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.632, 108.616**, and if you desaturate by 10%, it is **83, 3.964, 290.552**.

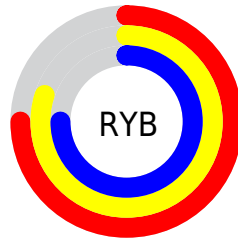
Distribution



Red (80%)

Green (80%)

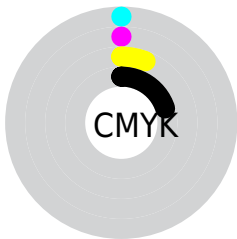
Blue (75%)



Red (75%)

Yellow (80%)

Blue (75%)

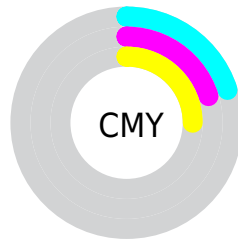


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.857, 109.563 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 82, 6.857, 109.563 by changing the saturation by 10% instead.

 82, 6.857, 109.563

 82, 6.857, 109.563

 100, 6.857,
109.563

 72, 6.857, 109.563

 62, 6.857, 109.563

 52, 6.857, 109.563

 42, 6.857, 109.563

 32, 6.857, 109.563

 22, 6.857, 109.563

 12, 6.857, 109.563

 2, 6.857, 109.563

 0, 6.857, 109.563

82, 6.857, 109.563

82, 6.857, 109.563

82, 17.632,
108.616

83, 3.964, 290.552

81, 28.289,
107.650

83, 14.792,
291.465

81, 38.727,
106.700

84, 25.596,
292.357

81, 48.785,
105.787

84, 26.537,
292.437

80, 58.217,
104.940

84, 26.537,
292.442

80, 66.663,
104.193

84, 26.537,
292.446

80, 73.649,
103.588

84, 26.537,
292.451

80, 78.671,
103.161

84, 26.537,
292.455

■ 80, 81.442,
102.930

■ 84, 26.537,
292.460

Harmonies

Complementary

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



82, 6.857, 109.563



78, 6.970, 290.834

Rectangle

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



82, 6.857, 109.563



82, 6.857, 159.563



82, 6.857, 289.563



82, 6.857, 339.563

Sweetspot

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



82, 6.859, 109.575



100, 2.575, 109.968



79, 4.848, 19.680



53, 1.464, 109.976



0, 0.000, 0.000



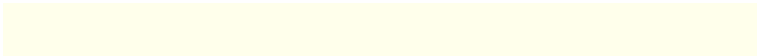
53, 0.007, 296.813

Same Dimension

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



82, 6.859, 109.575



100, 10.326, 109.409



82, 7.302, 128.808



43, 6.108, 109.285



66, 70.197, 102.871



15, 21.914, 105.400

Inverse Universe

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



78, 6.970, 290.834



93, 10.528, 291.019



78, 7.379, 309.331



39, 6.244, 291.160



19, 96.928, 306.288



1, 23.534, 292.454

Previews

White Background



This preview shows how the CIELCh color 82, 6.857, 109.563 looks on a white background.

Color Contrast Check

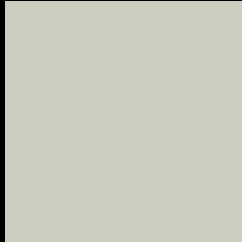
Large Text (above 18pt) WCAG AA × Fail

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 82, 6.857, 109.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

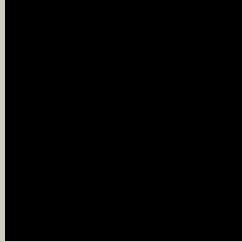
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

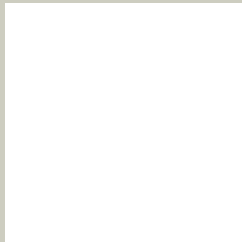
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.857, 109.563

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.857, 109.563.

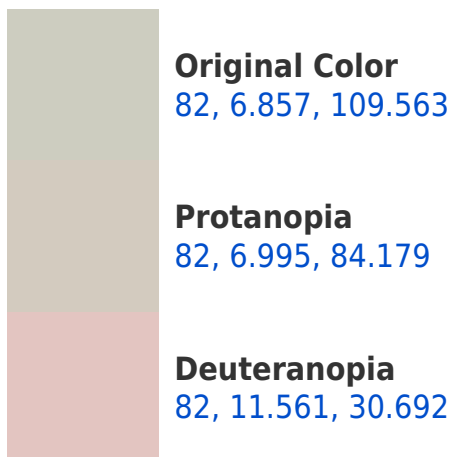



This preview shows how white text looks on a background with the CIELCh color 82, 6.857, 109.563.

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
82, 8.886, 307.195

Trichromacy



Original Color
82, 6.857, 109.563

Protanomaly
82, 7.098, 94.256

Deuteranomaly
82, 8.047, 47.093

Tritanomaly
82, 3.687, 319.868

Monochromacy



Original Color
82, 6.857, 109.563

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.635, 109.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.857, 109.563 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(205, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 192)  
}
```

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(205, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.857, 109.563 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(205, 205, 192) }
```

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

```
.border{ border-color:rgb(205, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.857, 109.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 192) }
```

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

```
.background{ background-color: rgb(205,  
205, 192) }
```

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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