

Converting Colors

CIELCh(82, 10.558, 111.284)

Have a look what the booklet for
CIELCh(82, 10.558, 111.284)
contains.

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Color

CIELCh(82, 10.558, 111.284)

Conversions

Conversions Part 1

Format	Color
Hex	CCCDB9
RGB	204, 205, 185
RGB Percent	80%, 80%, 73%
CMY	0.1982, 0.1943, 0.2728
CMYK	0.00, 0.00, 0.10, 0.19
HSL	63°, 17%, 77%
HSV	63°, 10%, 81%
XYZ	55.7658, 60.2982, 54.8412
YIQ	202.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

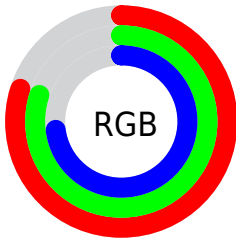
Format	Color
RYB	185, 205, 186
Decimal	13422009
CIELab	82.00, -3.83, 9.84
CIELCh	82, 10.558, 111.284
Yxy	60.2982, 0.3263, 0.3528
Android (android.graphics.Color)	4291612089 (0xFFCCADB9)
YUV	202.4210, -8.5886, 1.3848
Hunter-Lab	77.6519, -7.7009, 12.4831

Details

The CIELCh color `82, 10.558, 111.284` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 10.801, 293.073`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 7.086, 109.637`, and `62, 10.611, 111.167` is the 20% darker color. If you saturate the color by 10%, you get `81, 21.341, 110.403`, and if you desaturate by 10%, it is `83, 0.292, 292.333`.

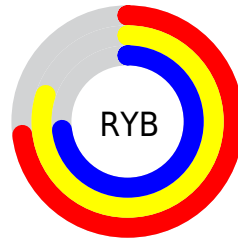
Distribution



Red (80%)

Green (80%)

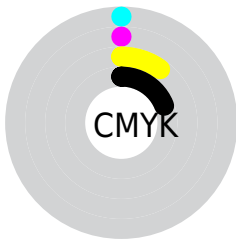
Blue (73%)



Red (73%)

Yellow (80%)

Blue (73%)

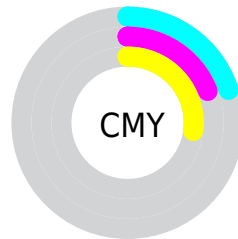


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (20%)


Magenta (19%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 10.558, 111.284 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, 10.558, 111.284 by changing the saturation by 10% instead.


 82, 10.558,
111.284

 82, 10.558,
111.284


 100, 10.558,
111.284


 72, 10.558,
111.284


 62, 10.558,
111.284

 52, 10.558,
111.284

 42, 10.558,
111.284

 32, 10.558,
111.284

 22, 10.558,
111.284

 12, 10.558,

111.284

■ 2, 10.558, 111.284

■ 0, 10.558, 111.284

■ 82, 10.558,
111.284

■ 82, 10.558,
111.284

■ 81, 21.341,
110.403

■ 83, 0.292, 292.333

■ 81, 31.975,
109.515

■ 83, 11.162,
293.035

■ 81, 42.339,
108.650

■ 84, 22.016,
293.858

■ 80, 52.250,
107.834

■ 84, 26.202,
294.621

■ 80, 61.428,

■ 84, 26.222,
295.361

107.104

84, 26.245,
296.102

80, 69.473,
106.506

85, 26.273,
296.843

80, 75.885,
106.094

85, 26.305,
297.585

79, 80.192,
105.917

85, 26.341,
298.326

79, 82.460,
105.967

Harmonies

Complementary

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



82, 10.558, 111.284



76, 10.801, 293.073

Rectangle

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



82, 10.558, 111.284



82, 10.558, 161.284



82, 10.558, 291.284



82, 10.558, 341.284

Sweetspot

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



82, 10.560, 111.292



100, 3.872, 111.873



77, 7.198, 24.161



53, 2.937, 111.805



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, 10.560, 111.292



99, 15.496, 111.079



81, 11.381, 130.392



43, 6.115, 111.323



65, 70.333, 105.922



14, 21.942, 108.331

Inverse Universe

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



76, 10.801, 293.073



90, 15.932, 293.322



77, 11.524, 311.202



39, 6.250, 293.038



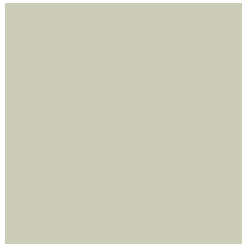
19, 96.662, 306.456



1, 23.563, 293.743

Previews

White Background



This preview shows how the CIELCh color 82, 10.558, 111.284 looks on a white background.

Color Contrast Check

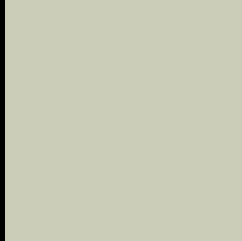
Large Text (above 18pt) WCAG AA × Fail

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, 10.558, 111.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

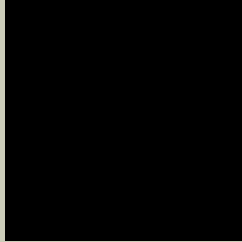
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

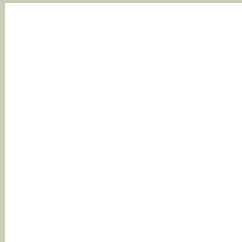
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 10.558, 111.284

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.558, 111.284.



This preview shows how white text looks on a background with the CIELCh color 82, 10.558, 111.284.

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
82, 10.558, 111.284

Protanopia
82, 10.586, 90.404

Deuteranopia
82, 13.751, 42.703



Tritanopia
82, 8.996, 309.381

Trichromacy



Original Color
82, 10.558, 111.284

Protanomaly
82, 10.191, 98.571

Deuteranomaly
82, 10.920, 62.246

Tritanomaly
82, 2.174, 332.311

Monochromacy



Original Color
82, 10.558, 111.284

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.693, 109.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.558, 111.284 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(204, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 185)  
}
```

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(204, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.558, 111.284 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(204, 205, 185) }
```

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

```
.border{ border-color:rgb(204, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.558, 111.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 185) }
```

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

```
.background{ background-color: rgb(204,  
205, 185) }
```

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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