

Converting Colors

CIELCh(82, 2.316, 353.734)

Have a look what the booklet for
CIELCh(82, 2.316, 353.734) contains.

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Color

CIELCh(82, 1.911, 3.191)

Conversions

Conversions Part 1

Format	Color
Hex	D0CBCC
RGB	208, 203, 204
RGB Percent	82%, 80%, 80%
CMY	0.1854, 0.2050, 0.2011
CMYK	0.00, 0.02, 0.02, 0.19
HSL	348°, 5%, 80%
HSV	348°, 2%, 81%
XYZ	58.0918, 60.2982, 65.5306
YIQ	204.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

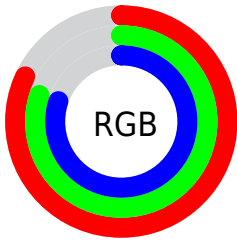
Format	Color
R _Y B	208, 203, 204
Decimal	13683660
CIE Lab	82.00, 1.91, 0.11
CIE LCh	82, 1.911, 3.191
Yxy	60.2982, 0.3159, 0.3278
Android (android.graphics.Color)	4291873740 (0xFFD0CBCC)
YUV	204.6090, -0.3002, 2.9739
Hunter-Lab	77.6519, -2.3541, 4.3214

Details

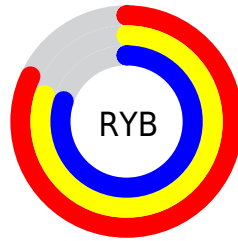
The CIELCh color **82, 1.911, 3.191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 1.884, 183.360**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 2.024, 3.328** is the 20% darker color. If you saturate the color by 10%, you get **76, 10.101, 4.428**, and if you desaturate by 10%, it is **88, 5.848, 182.761**.

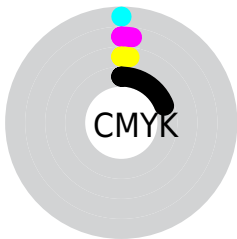
Distribution



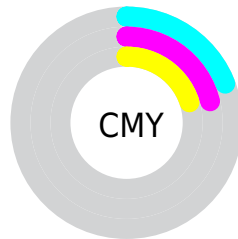
- Red (82%)
- Green (80%)
- Blue (80%)



- Red (82%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 1.911, 3.191 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, 1.911, 3.191 by changing the saturation by 10% instead.

■ 82, 1.911, 3.191

■ 82, 1.911, 3.191

100, 1.911, 3.191

■ 72, 1.911, 3.191

■ 62, 1.911, 3.191

■ 52, 1.911, 3.191

■ 42, 1.911, 3.191

■ 32, 1.911, 3.191

■ 22, 1.911, 3.191

■ 12, 1.911, 3.191

■ 2, 1.911, 3.191

■ 0, 1.911, 3.191

■ 82, 1.911, 3.191

■ 82, 1.911, 3.191

■ 76, 10.101, 4.428

■ 88, 5.848, 182.761

■ 71, 18.707, 5.600

■ 94, 13.178,
181.980

■ 65, 27.656, 6.988

■ 97, 15.788,
195.864

■ 60, 36.807, 8.681

■ 56, 45.929, 10.790

■ 97, 15.713,
198.461

■ 52, 54.699, 13.451

■ 48, 62.762, 16.820

■ 46, 69.837, 21.016

■ 44, 75.856, 26.005

Harmonies

Complementary

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



82, 1.911, 3.191



83, 1.884, 183.360

Rectangle

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



82, 1.911, 3.191



82, 1.911, 53.191



82, 1.911, 183.191



82, 1.911, 233.191

Sweetspot

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



82, 1.909, 3.233



99, 0.937, 2.730



82, 3.041, 318.847



53, 0.533, 2.692



0, 0.000, 0.000



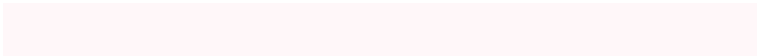
53, 0.007, 296.813

Same Dimension

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



82, 1.909, 3.233



98, 2.817, 3.348



82, 1.494, 51.052



43, 1.817, 3.457



35, 67.860, 29.080



4, 20.211, 10.234

Inverse Universe

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



82, 1.909, 3.233



98, 2.817, 3.348



83, 1.483, 232.070



43, 1.817, 3.457



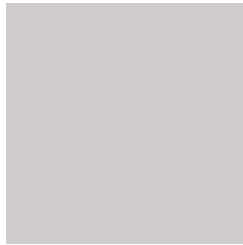
35, 67.860, 29.080



4, 20.211, 10.234

Previews

White Background



This preview shows how the CIELCh color 82, 1.911, 3.191 looks on a white background.

Color Contrast Check

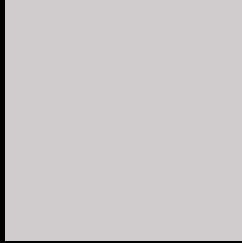
Large Text (above 18pt) WCAG AA × Fail

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 82, 1.911, 3.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

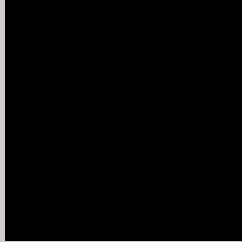
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

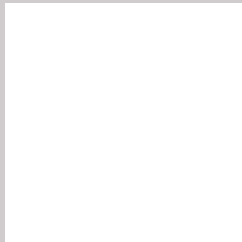
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 1.911, 3.191

Background



This preview shows how black text looks on a background with the CIELCh color 82, 1.911, 3.191.

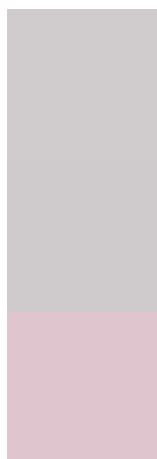


This preview shows how white text looks on a background with the CIELCh color 82, 1.911, 3.191.

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, 1.911, 3.191

Protanopia

82, 1.563, 359.370

Deuteranopia

82, 10.506, 356.507



Tritanopia
82, 9.118, 311.517

Trichromacy



Original Color

82, 1.911, 3.191

Protanomaly

82, 1.563, 359.370

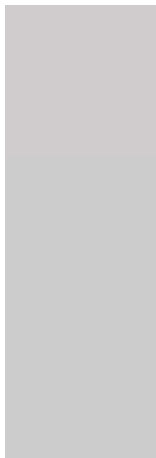
Deuteranomaly

82, 7.360, 354.402

Tritanomaly

82, 5.904, 315.897

Monochromacy



Original Color

82, 1.911, 3.191

Achromatopsia

82, 0.010, 296.813

Achromatomaly

82, 0.366, 17.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 1.911, 3.191 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, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 204)  
}
```

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, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 1.911, 3.191 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, 203, 204) }
```

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

```
.border{ border-color:rgb(208, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 1.911, 3.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 204) }
```

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

```
.background{ background-color: rgb(208,  
203, 204) }
```

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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