

Converting Colors

CIELCh(81, 5.953, 32.056)

Have a look what the booklet for
CIELCh(81, 5.953, 32.056) contains.

CIELCh(81, 5.811, 35.556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 5.811, 35.556)

Conversions

Conversions Part 1

Format	Color
Hex	D5C6C3
RGB	213, 198, 195
RGB Percent	84%, 78%, 76%
CMY	0.1647, 0.2235, 0.2353
CMYK	0.00, 0.07, 0.08, 0.16
HSL	10°, 18%, 80%
HSV	10°, 8%, 84%
XYZ	57.4816, 58.4711, 59.8835
YIQ	202.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

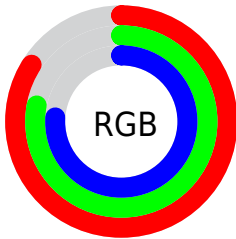
Format	Color
RYB	213, 199, 195
Decimal	14010051
CIELab	81.00, 4.73, 3.38
CIElCh	81, 5.811, 35.556
Yxy	58.4711, 0.3269, 0.3325
Android (android.graphics.Color)	4292200131 (0xFFD5C6C3)
YUV	202.1430, -3.5215, 9.5216
Hunter-Lab	76.4664, 0.3665, 7.0944

Details

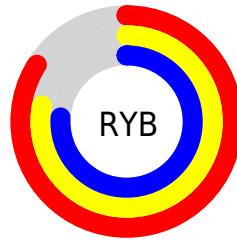
The CIELCh color **81, 5.811, 35.556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 5.508, 215.915**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **61, 5.814, 36.630** is the 20% darker color. If you saturate the color by 10%, you get **76, 13.225, 35.695**, and if you desaturate by 10%, it is **86, 1.025, 216.287**.

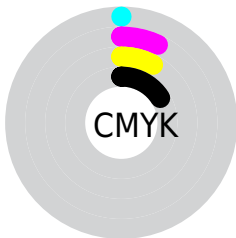
Distribution



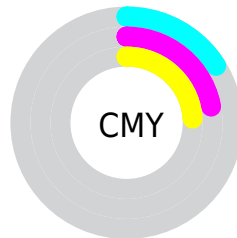
- Red (84%)
- Green (78%)
- Blue (76%)



- Red (84%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 5.811, 35.556 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 81, 5.811, 35.556 by changing the saturation by 10% instead.

81, 5.811, 35.556

81, 5.811, 35.556

100, 5.811, 35.556

71, 5.811, 35.556

61, 5.811, 35.556

51, 5.811, 35.556

41, 5.811, 35.556

31, 5.811, 35.556

21, 5.811, 35.556

11, 5.811, 35.556

1, 5.811, 35.556

0, 5.811, 35.556

81, 5.811, 35.556

81, 5.811, 35.556

76, 13.225, 35.695

86, 1.025, 216.287

71, 21.267, 35.916

91, 7.338, 215.932

66, 29.966, 36.313

96, 12.882,
207.310

62, 39.314, 36.938

97, 14.051,
198.569

58, 49.244, 37.831

54, 59.587, 39.006

51, 69.973, 40.380

48, 79.583, 41.639

46, 86.969, 42.220

Harmonies

Complementary

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



81, 5.811, 35.556



83, 5.508, 215.915

Rectangle

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



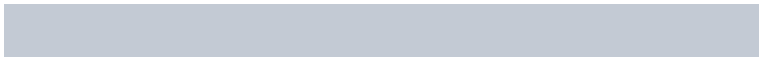
81, 5.811, 35.556



81, 5.811, 85.556



81, 5.811, 215.556



81, 5.811, 265.556

Sweetspot

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



81, 5.810, 35.579



98, 2.334, 35.409



81, 10.358, 329.871



52, 1.775, 35.466



0, 0.000, 0.000



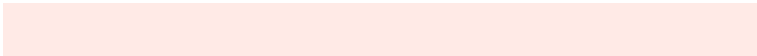
53, 0.007, 296.813

Same Dimension

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



81, 5.810, 35.579



94, 8.012, 35.597



83, 6.683, 90.043



42, 3.936, 35.590



37, 74.337, 42.688



6, 19.800, 28.711

Inverse Universe

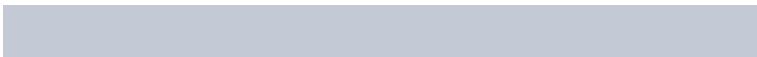
The Inverse Universe completely reimagines the original color for something new.



83, 5.508, 215.915



97, 7.511, 215.928



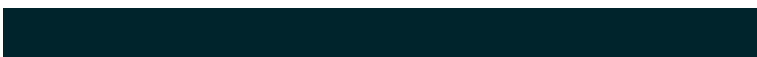
81, 6.686, 272.257



44, 3.707, 215.921



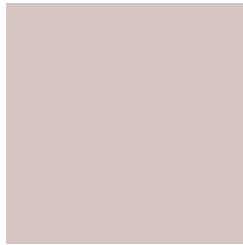
54, 32.253, 228.116



12, 12.710, 221.585

Previews

White Background



This preview shows how the CIELCh color 81, 5.811, 35.556 looks on a white background.

Color Contrast Check

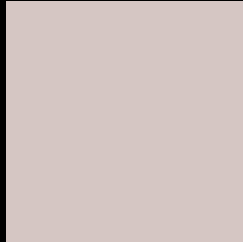
Large Text (above 18pt) WCAG AA × Fail

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 81, 5.811, 35.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

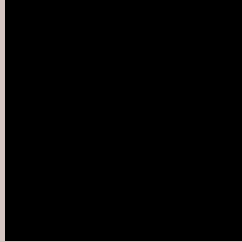
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 5.811, 35.556

Background



This preview shows how black text looks on a background with the CIELCh color 81, 5.811, 35.556.



This preview shows how white text looks on a background with the CIELCh color 81, 5.811, 35.556.

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

81, 5.811, 35.556

Protanopia

81, 3.052, 63.256

Deuteranopia

81, 10.524, 17.318



Tritanopia
81, 10.584, 331.421

Trichromacy



Original Color
81, 5.811, 35.556

Protanomaly
81, 4.026, 42.752

Deuteranomaly
81, 8.609, 20.016

Tritanomaly
81, 7.571, 345.886

Monochromacy



Original Color
81, 5.811, 35.556

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.111, 49.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 5.811, 35.556 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(213, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 195)  
}
```

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(213, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 5.811, 35.556 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(213, 198, 195) }
```

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

```
.border{ border-color:rgb(213, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 5.811, 35.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 195) }
```

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

```
.background{ background-color: rgb(213,  
198, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor