

Converting Colors

CIELCh(81, 6.089, 44.264)

Have a look what the booklet for
CIELCh(81, 6.089, 44.264) contains.

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Color

CIELCh(81, 6.202, 44.931)

Conversions

Conversions Part 1

Format	Color
Hex	D5C6C1
RGB	213, 198, 193
RGB Percent	84%, 78%, 76%
CMY	0.1642, 0.2230, 0.2426
CMYK	0.00, 0.07, 0.09, 0.16
HSL	15°, 19%, 80%
HSV	15°, 9%, 84%
XYZ	57.3444, 58.4711, 58.7926
YIQ	201.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

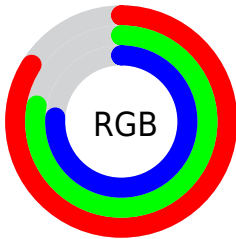
Format	Color
R _Y B	213, 200, 193
Decimal	14010049
CIE Lab	81.00, 4.39, 4.38
CIE LCh	81, 6.202, 44.931
Yxy	58.4711, 0.3284, 0.3349
Android (android.graphics.Color)	4292200129 (0xFFD5C6C1)
YUV	201.9150, -4.3951, 9.7215
Hunter-Lab	76.4664, 0.0461, 7.9402

Details

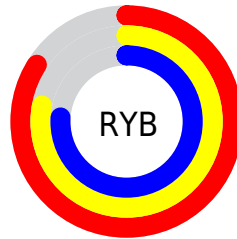
The CIELCh color **81, 6.202, 44.931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 5.870, 226.025**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **61, 6.014, 41.691** is the 20% darker color. If you saturate the color by 10%, you get **76, 13.333, 44.648**, and if you desaturate by 10%, it is **86, 0.394, 226.873**.

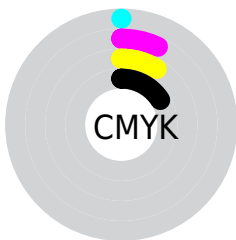
Distribution



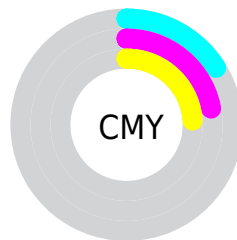
- Red (84%)
- Green (78%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.202, 44.931 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, 6.202, 44.931 by changing the saturation by 10% instead.



81, 6.202, 44.931

81, 6.202, 44.931

76, 13.333, 44.648

86, 0.394, 226.873

72, 21.052, 44.411

90, 6.510, 226.039

68, 29.394, 44.297

95, 11.814,
221.724

64, 38.370, 44.337

97, 14.006,
198.571

60, 47.934, 44.550

56, 57.934, 44.918

53, 67.999, 45.334

50, 77.283, 45.480

48, 84.576, 44.984

Harmonies

Complementary

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



81, 6.202, 44.931



83, 5.870, 226.025

Rectangle

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



81, 6.202, 44.931



81, 6.202, 94.931



81, 6.202, 224.931



81, 6.202, 274.931

Sweetspot

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



81, 6.201, 44.953



98, 2.234, 45.024



80, 10.855, 332.918



52, 1.700, 45.050



0, 0.000, 0.000



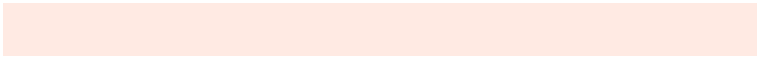
53, 0.007, 296.813

Same Dimension

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



81, 6.201, 44.953



94, 8.465, 44.901



84, 8.093, 96.104



43, 3.766, 44.952



38, 71.698, 45.426



7, 18.866, 34.003

Inverse Universe

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



83, 5.870, 226.025



96, 7.924, 226.118



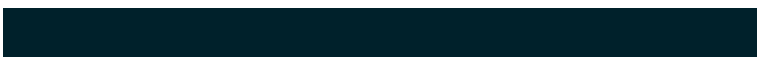
80, 8.155, 278.418



44, 3.563, 226.027



50, 33.844, 245.989



11, 12.786, 236.304

Previews

White Background



This preview shows how the CIELCh color 81, 6.202, 44.931 looks on a white background.

Color Contrast Check

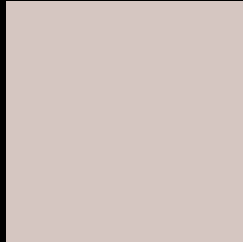
Large Text (above 18pt) WCAG AA × Fail

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, 6.202, 44.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

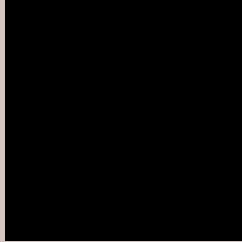
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 6.202, 44.931

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.202, 44.931.

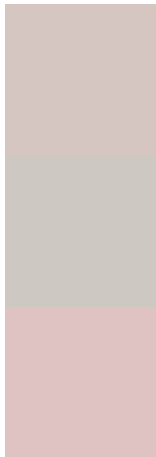


This preview shows how white text looks on a background with the CIELCh color 81, 6.202, 44.931.

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, 6.202, 44.931

Protanopia

81, 3.863, 74.619

Deuteranopia

81, 10.926, 20.220



Tritanopia
81, 11.467, 332.492

Trichromacy



Original Color
81, 6.202, 44.931

Protanomaly
81, 4.555, 55.022

Deuteranomaly
81, 8.705, 26.969

Tritanomaly
81, 8.481, 345.796

Monochromacy



Original Color
81, 6.202, 44.931

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, 6.202, 44.931 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.202, 44.931 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, 193) }
```

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

```
.border{ border-color:rgb(213, 198, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.202, 44.931 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, 193) }
```

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

```
.background{ background-color: rgb(213,  
198, 193) }
```

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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