

Converting Colors

CIELCh(81, 10.467, 78.599)

Have a look what the booklet for
CIELCh(81, 10.467, 78.599) contains.

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Color

CIELCh(81, 10.467, 78.599)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7B6
RGB	213, 199, 182
RGB Percent	84%, 78%, 71%
CMY	0.1641, 0.2190, 0.2857
CMYK	0.00, 0.07, 0.15, 0.16
HSL	33°, 27%, 78%
HSV	33°, 15%, 84%
XYZ	56.4042, 58.4711, 52.6515
YIQ	201.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

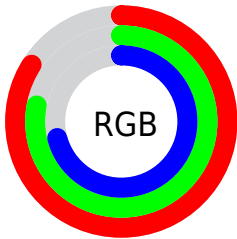
Format	Color
RYB	208, 213, 182
Decimal	14010294
CIELab	81.00, 2.07, 10.26
CIElCh	81, 10.467, 78.599
Yxy	58.4711, 0.3367, 0.3490
Android (android.graphics.Color)	4292200374 (0xFFD5C7B6)
YUV	201.2480, -9.4893, 10.3065
Hunter-Lab	76.4664, -2.1486, 12.7019

Details

The CIELCh color $81, 10.467, 78.599$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 10.203, 262.539$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $61, 10.445, 78.495$ is the 20% darker color. If you saturate the color by 10%, you get $78, 18.014, 77.322$, and if you desaturate by 10%, it is $84, 3.204, 79.810$.

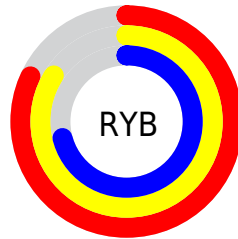
Distribution



Red (84%)

Green (78%)

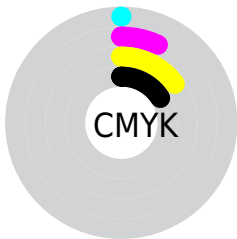
Blue (71%)



Red (82%)

Yellow (84%)

Blue (71%)

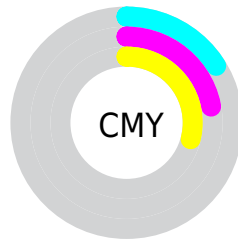


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 10.467, 78.599 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, 10.467, 78.599 by changing the saturation by 10% instead.

■ 81, 10.467, 78.599

■ 81, 10.467, 78.599

■ 100, 10.467,
78.599

■ 71, 10.467, 78.599

■ 61, 10.467, 78.599

■ 51, 10.467, 78.599

■ 41, 10.467, 78.599

■ 31, 10.467, 78.599

■ 21, 10.467, 78.599

■ 11, 10.467, 78.599

■ 1, 10.467, 78.599

■ 0, 10.467, 78.599

81, 10.467, 78.599

81, 10.467, 78.599

78, 18.014, 77.322

84, 3.204, 79.810

75, 25.850, 75.996

87, 3.795, 261.245

72, 33.958, 74.641

90, 10.553,
262.379

70, 42.271, 73.251

93, 11.964,
247.732

67, 50.626, 71.797

65, 58.686, 70.206

95, 11.976,
218.183

62, 65.821, 68.322

97, 13.999,
198.572

60, 71.085, 65.870

59, 73.279, 64.357

Harmonies

Complementary

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



81, 10.467, 78.599



79, 10.203, 262.539

Rectangle

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



81, 10.467, 78.599



81, 10.467, 128.599



81, 10.467, 258.599



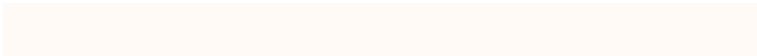
81, 10.467, 308.599

Sweetspot

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



81, 10.468, 78.612



99, 3.257, 79.860



77, 13.898, 346.743



52, 2.319, 79.784



0, 0.000, 0.000



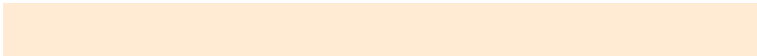
53, 0.007, 296.813

Same Dimension

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



81, 10.468, 78.612



94, 14.223, 78.278



85, 16.223, 110.163



44, 4.059, 79.250



48, 62.014, 64.961



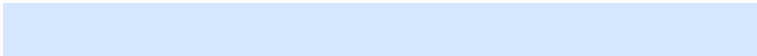
10, 17.140, 65.082

Inverse Universe

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



79, 10.203, 262.539



91, 13.787, 262.953



75, 16.771, 292.967



43, 4.000, 261.790



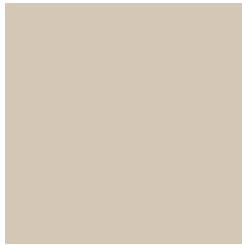
35, 58.488, 288.208



6, 18.402, 277.114

Previews

White Background



This preview shows how the CIELCh color 81, 10.467, 78.599 looks on a white background.

Color Contrast Check

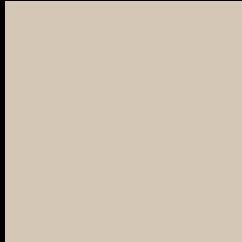
Large Text (above 18pt) WCAG AA × Fail

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, 10.467, 78.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

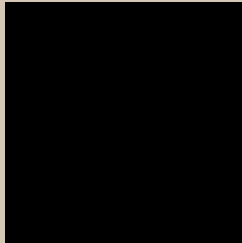
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

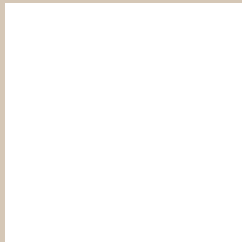
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 10.467, 78.599

Background



This preview shows how black text looks on a background with the CIELCh color 81, 10.467, 78.599.



This preview shows how white text looks on a background with the CIELCh color 81, 10.467, 78.599.

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, 10.467, 78.599

Protanopia

81, 9.615, 88.503

Deuteranopia

81, 14.037, 44.624



Tritanopia
81, 11.340, 335.705

Trichromacy



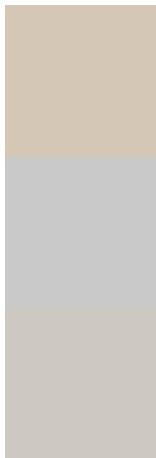
Original Color
81, 10.467, 78.599

Protanomaly
81, 9.914, 84.352

Deuteranomaly
81, 12.161, 54.296

Tritanomaly
81, 7.228, 7.232

Monochromacy



Original Color
81, 10.467, 78.599

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.663, 79.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 10.467, 78.599 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, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 182)  
}
```

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, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 10.467, 78.599 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, 199, 182) }
```

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

```
.border{ border-color:rgb(213, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 10.467, 78.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 182) }
```

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

```
.background{ background-color: rgb(213,  
199, 182) }
```

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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