

Converting Colors

CIELCh(81, 11.590, 79.460)

Have a look what the booklet for
CIELCh(81, 11.590, 79.460) contains.

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Color

CIELCh(81, 11.590, 79.460)

Conversions

Conversions Part 1

Format	Color
Hex	D6C7B4
RGB	214, 199, 180
RGB Percent	84%, 78%, 71%
CMY	0.1606, 0.2194, 0.2939
CMYK	0.00, 0.07, 0.16, 0.16
HSL	34°, 29%, 77%
HSV	34°, 16%, 84%
XYZ	56.4247, 58.4711, 51.5187
YIQ	201.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

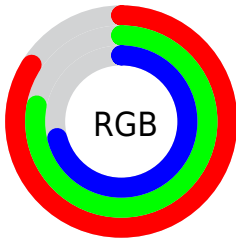
Format	Color
R _Y B	207, 214, 180
Decimal	14075828
CIE Lab	81.00, 2.12, 11.39
CIE LCh	81, 11.590, 79.460
Yxy	58.4711, 0.3391, 0.3514
Android (android.graphics.Color)	4292265908 (0xFFD6C7B4)
YUV	201.3190, -10.5103, 11.1212
Hunter-Lab	76.4664, -2.1006, 13.5803

Details

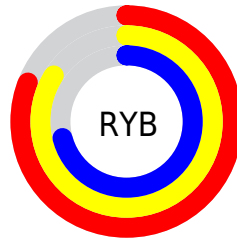
The CIELCh color **81, 11.590, 79.460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 11.295, 263.788**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **61, 11.642, 79.326** is the 20% darker color. If you saturate the color by 10%, you get **78, 19.245, 78.168**, and if you desaturate by 10%, it is **84, 4.211, 80.704**.

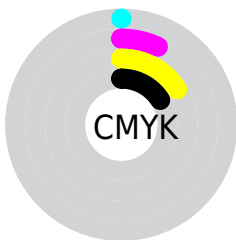
Distribution



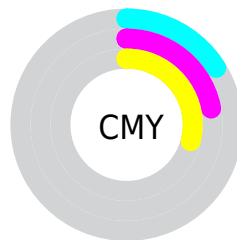
- Red (84%)
- Green (78%)
- Blue (71%)



- Red (81%)
- Yellow (84%)
- Blue (71%)



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



- Cyan (16%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 11.590, 79.460 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, 11.590, 79.460 by changing the saturation by 10% instead.

■ 81, 11.590, 79.460

■ 81, 11.590, 79.460

■ 100, 11.590,
79.460

■ 71, 11.590, 79.460

■ 61, 11.590, 79.460

■ 51, 11.590, 79.460

■ 41, 11.590, 79.460

■ 31, 11.590, 79.460

■ 21, 11.590, 79.460

■ 11, 11.590, 79.460

■ 1, 11.590, 79.460

■ 0, 11.590, 79.460

81, 11.590, 79.460

81, 11.590, 79.460

78, 19.245, 78.168

84, 4.211, 80.704

75, 27.175, 76.828

87, 2.909, 262.145

73, 35.357, 75.456

90, 9.791, 263.265

70, 43.708, 74.044

93, 11.927,
251.264

67, 52.041, 72.559

95, 11.565,
221.754

65, 59.979, 70.920

63, 66.839, 68.963

97, 13.715,
198.591

60, 71.666, 66.406

60, 73.284, 65.276

Harmonies

Complementary

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



81, 11.590, 79.460



78, 11.295, 263.788

Rectangle

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



81, 11.590, 79.460



81, 11.590, 129.460



81, 11.590, 259.460



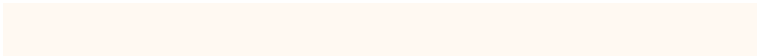
81, 11.590, 309.460

Sweetspot

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



81, 11.591, 79.472



98, 4.117, 80.796



77, 15.096, 347.846



52, 2.813, 80.718



0, 0.000, 0.000



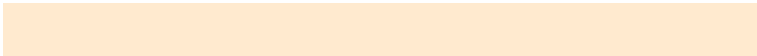
53, 0.007, 296.813

Same Dimension

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



81, 11.591, 79.472



94, 16.079, 79.046



85, 17.779, 110.736



44, 4.093, 80.285



48, 61.835, 65.884



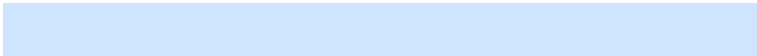
10, 17.187, 66.328

Inverse Universe

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



78, 11.295, 263.788



90, 15.570, 264.325



74, 18.435, 293.727



43, 4.039, 262.828



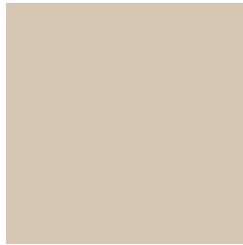
34, 59.658, 289.068



6, 18.660, 277.902

Previews

White Background



This preview shows how the CIELCh color 81, 11.590, 79.460 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, 11.590, 79.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

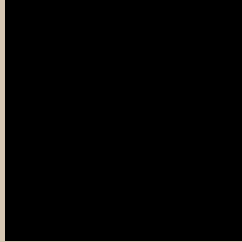
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

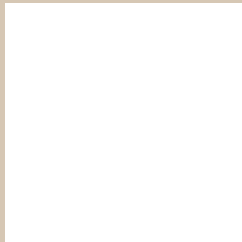
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.590, 79.460

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.590, 79.460.

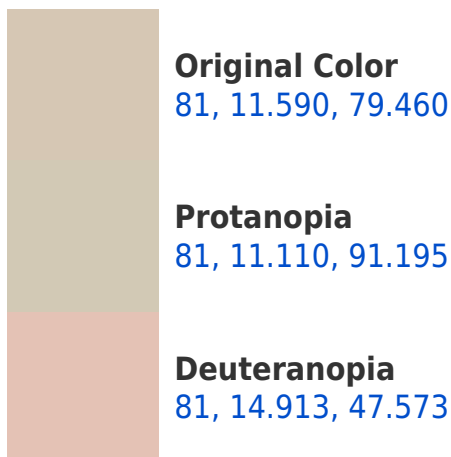



This preview shows how white text looks on a background with the CIELCh color 81, 11.590, 79.460.

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](#).

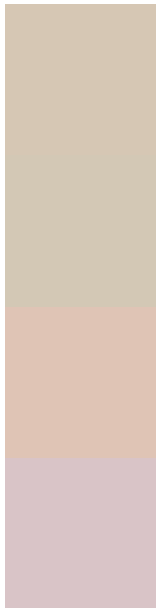
Dichromacy





Tritanopia
81, 11.602, 337.013

Trichromacy



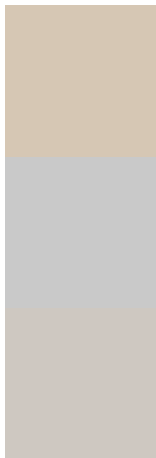
Original Color
81, 11.590, 79.460

Protanomaly
81, 10.889, 86.543

Deuteranomaly
81, 13.140, 56.981

Tritanomaly
81, 7.971, 8.499

Monochromacy



Original Color
81, 11.590, 79.460

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.310, 78.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.590, 79.460 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(214, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 180)  
}
```

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(214, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.590, 79.460 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(214, 199, 180) }
```

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

```
.border{ border-color:rgb(214, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.590, 79.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 180) }
```

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

```
.background{ background-color: rgb(214,  
199, 180) }
```

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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