

Converting Colors

CIELCh(81, 4.685, 60.966)

Have a look what the booklet for
CIELCh(81, 4.685, 60.966) contains.

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Color

CIELCh(81, 4.555, 55.022)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C2
RGB	209, 199, 194
RGB Percent	82%, 78%, 76%
CMY	0.1793, 0.2185, 0.2382
CMYK	0.00, 0.05, 0.07, 0.18
HSL	20°, 14%, 79%
HSV	20°, 7%, 82%
XYZ	56.6228, 58.4711, 59.4972
YIQ	201.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

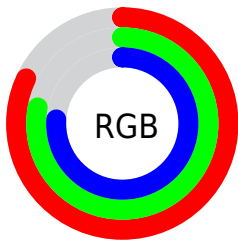
Format	Color
R _{YB}	209, 202, 194
Decimal	13748162
CIE _{Lab}	81.00, 2.61, 3.73
CIE _{LCh}	81, 4.555, 55.022
Y _{xy}	58.4711, 0.3243, 0.3349
Android (android.graphics.Color)	4291938242 (0xFFD1C7C2)
YUV	201.4200, -3.6581, 6.6477
Hunter-Lab	76.4664, -1.6383, 7.3940

Details

The CIELCh color **81, 4.555, 55.022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.403, 236.461**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **61, 4.855, 54.871** is the 20% darker color. If you saturate the color by 10%, you get **77, 11.309, 54.358**, and if you desaturate by 10%, it is **85, 1.745, 236.248**.

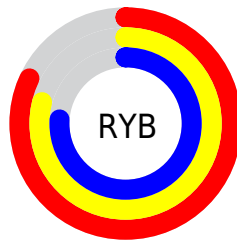
Distribution



Red (82%)

Green (78%)

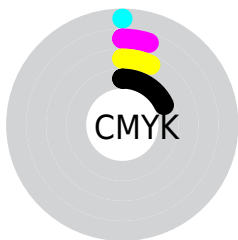
Blue (76%)



Red (82%)

Yellow (79%)

Blue (76%)

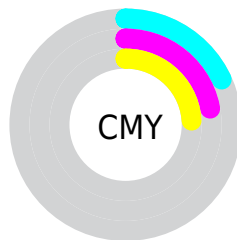


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (18%)



Cyan (18%)

Magenta (22%)

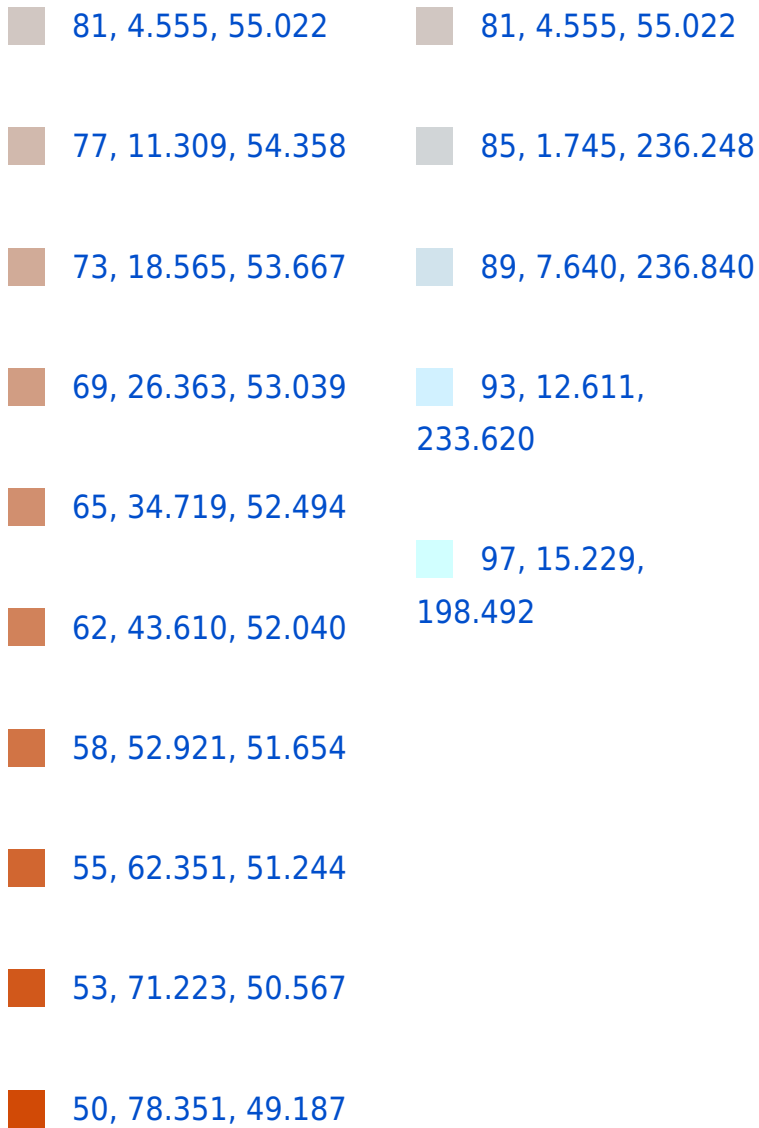
Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.555, 55.022 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, 4.555, 55.022 by changing the saturation by 10% instead.

 81, 4.555, 55.022	 81, 4.555, 55.022
 100, 4.555, 55.022	 71, 4.555, 55.022
	 61, 4.555, 55.022
	 51, 4.555, 55.022
	 41, 4.555, 55.022
	 31, 4.555, 55.022
	 21, 4.555, 55.022
	 11, 4.555, 55.022
	 1, 4.555, 55.022
	 0, 4.555, 55.022



Harmonies

Complementary

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



81, 4.555, 55.022



82, 4.403, 236.461

Rectangle

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



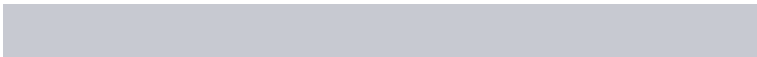
81, 4.555, 55.022



81, 4.555, 105.022



81, 4.555, 235.022



81, 4.555, 285.022

Sweetspot

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



81, 4.555, 55.052



99, 1.462, 55.169



80, 7.683, 336.120



53, 0.830, 55.156



0, 0.000, 0.000



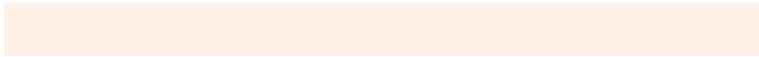
53, 0.007, 296.813

Same Dimension

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



81, 4.555, 55.052



96, 6.760, 54.926



83, 6.639, 101.528



42, 3.632, 54.905



40, 67.838, 49.391



7, 16.567, 40.127

Inverse Universe

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



82, 4.403, 236.461



96, 6.465, 236.622



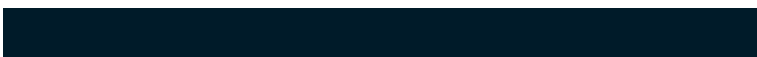
80, 6.716, 283.174



42, 3.467, 236.650



45, 37.818, 261.723



9, 13.068, 249.896

Previews

White Background



This preview shows how the CIELCh color 81, 4.555, 55.022 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, 4.555, 55.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

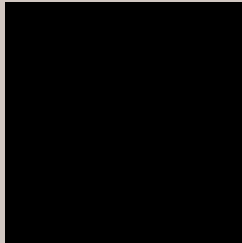
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

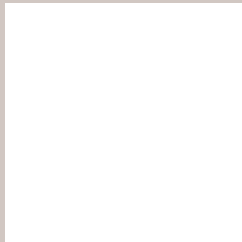
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.555, 55.022

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.555, 55.022.

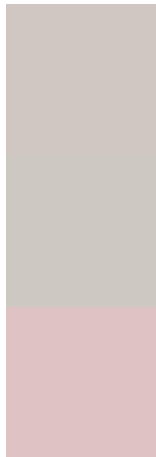


This preview shows how white text looks on a background with the CIELCh color 81, 4.555, 55.022.

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, 4.555, 55.022

Protanopia

81, 3.441, 69.612

Deuteranopia

81, 10.918, 17.457



Tritanopia
81, 9.688, 324.801

Trichromacy



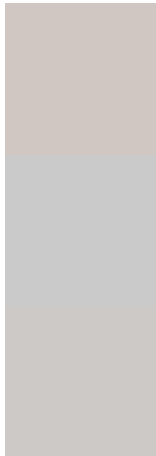
Original Color
81, 4.555, 55.022

Protanomaly
81, 3.692, 65.166

Deuteranomaly
81, 8.260, 23.643

Tritanomaly
81, 6.403, 338.315

Monochromacy



Original Color
81, 4.555, 55.022

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.799, 55.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.555, 55.022 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(209, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 194)  
}
```

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(209, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.555, 55.022 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(209, 199, 194) }
```

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

```
.border{ border-color:rgb(209, 199, 194) }
```

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

Here you see how a box with a 4 pixel rgb(209, 199, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.555, 55.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 194) }
```

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

```
.background{ background-color: rgb(209,  
199, 194) }
```

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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