

Converting Colors

CIELCh(81, 3.616, 64.338)

Have a look what the booklet for
CIELCh(81, 3.616, 64.338) contains.

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Color

CIELCh(81, 3.692, 65.166)

Conversions

Conversions Part 1

Format	Color
Hex	CFC8C3
RGB	207, 200, 195
RGB Percent	81%, 78%, 76%
CMY	0.1885, 0.2159, 0.2355
CMYK	0.00, 0.03, 0.06, 0.19
HSL	25°, 11%, 79%
HSV	25°, 6%, 81%
XYZ	56.1956, 58.4711, 59.9147
YIQ	201.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

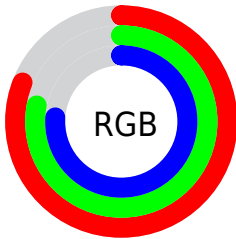
Format	Color
RYB	207, 204, 195
Decimal	13617347
CIELab	81.00, 1.55, 3.35
CIELCh	81, 3.692, 65.166
Yxy	58.4711, 0.3219, 0.3349
Android (android.graphics.Color)	4291807427 (0xFFCFC8C3)
YUV	201.5230, -3.2158, 4.8033
Hunter-Lab	76.4664, -2.6354, 7.0702

Details

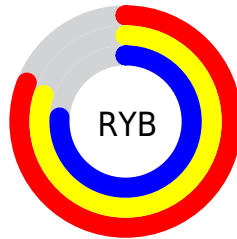
The CIELCh color **81, 3.692, 65.166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 3.624, 246.702**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **61, 3.927, 64.997** is the 20% darker color. If you saturate the color by 10%, you get **77, 10.370, 64.221**, and if you desaturate by 10%, it is **85, 2.612, 246.551**.

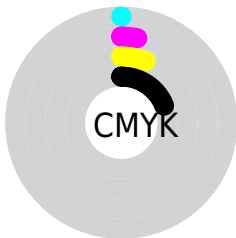
Distribution



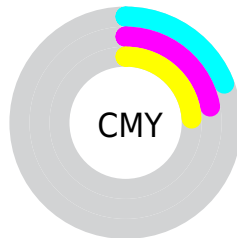
- Red (81%)
- Green (78%)
- Blue (76%)



- Red (81%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.692, 65.166 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, 3.692, 65.166 by changing the saturation by 10% instead.

81, 3.692, 65.166

81, 3.692, 65.166

100, 3.692, 65.166

71, 3.692, 65.166

61, 3.692, 65.166

51, 3.692, 65.166

41, 3.692, 65.166

31, 3.692, 65.166

21, 3.692, 65.166

11, 3.692, 65.166

1, 3.692, 65.166

0, 3.692, 65.166

81, 3.692, 65.166

81, 3.692, 65.166

77, 10.370, 64.221

85, 2.612, 246.551

74, 17.461, 63.191

88, 8.582, 247.482

70, 24.995, 62.174

92, 13.537,
245.321

67, 32.983, 61.185

95, 14.035,
213.098

64, 41.397, 60.224

61, 50.120, 59.262

97, 15.960,
198.445

58, 58.868, 58.214

55, 67.027, 56.876

53, 73.531, 54.861

Harmonies

Complementary

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



81, 3.692, 65.166



81, 3.624, 246.702

Rectangle

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



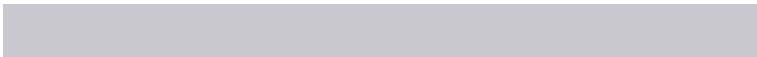
81, 3.692, 65.166



81, 3.692, 115.166



81, 3.692, 245.166



81, 3.692, 295.166

Sweetspot

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



81, 3.692, 65.203



99, 1.488, 65.374



80, 5.796, 339.792



53, 0.845, 65.367



0, 0.000, 0.000



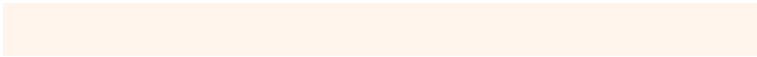
53, 0.007, 296.813

Same Dimension

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



81, 3.692, 65.203



97, 5.301, 65.088



83, 5.804, 105.990



43, 2.930, 65.047



42, 64.835, 54.564



8, 15.956, 48.574

Inverse Universe

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



81, 3.624, 246.702



97, 5.173, 246.833



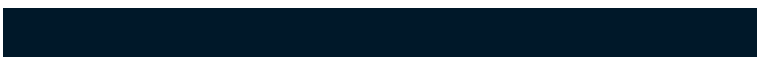
79, 5.881, 287.229



43, 2.854, 246.882



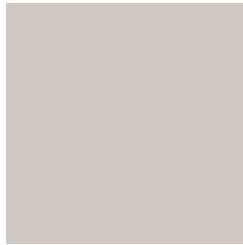
41, 44.416, 274.252



7, 14.465, 262.772

Previews

White Background



This preview shows how the CIELCh color 81, 3.692, 65.166 looks on a white background.

Color Contrast Check

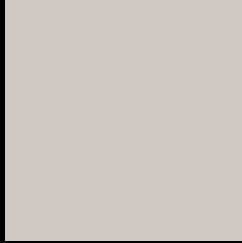
Large Text (above 18pt) WCAG AA × Fail

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, 3.692, 65.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

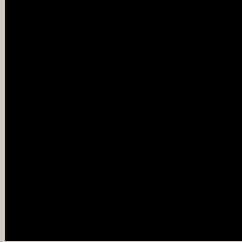
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

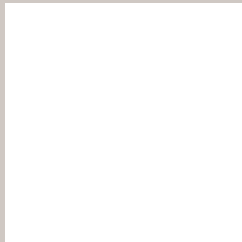
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.692, 65.166

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.692, 65.166.

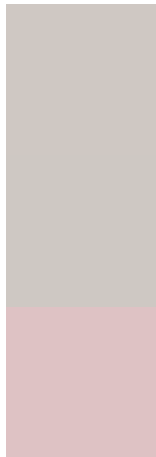


This preview shows how white text looks on a background with the CIELCh color 81, 3.692, 65.166.

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, 3.692, 65.166

Protanopia

81, 3.441, 69.612

Deuteranopia

81, 10.556, 14.461



Tritanopia
81, 9.760, 319.495

Trichromacy



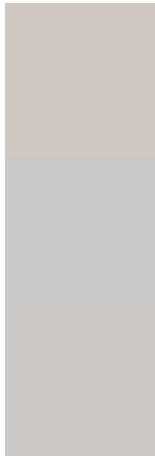
Original Color
81, 3.692, 65.166

Protanomaly
81, 3.441, 69.612

Deuteranomaly
81, 7.848, 19.950

Tritanomaly
81, 5.877, 333.495

Monochromacy



Original Color
81, 3.692, 65.166

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.275, 74.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.692, 65.166 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(207, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 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(207, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.692, 65.166 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(207, 200, 195) }
```

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

```
.border{ border-color:rgb(207, 200, 195) }
```

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

Here you see how a box with a 4 pixel rgb(207, 200, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.692, 65.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 195) }
```

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

```
.background{ background-color: rgb(207,  
200, 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](#).

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