

Converting Colors

CIELCh(81, 3.621, 207.732)

Have a look what the booklet for
CIELCh(81, 3.621, 207.732) contains.

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Color

CIELCh(81, 3.625, 207.731)

Conversions

Conversions Part 1

Format	Color
Hex	C1CBCC
RGB	193, 203, 204
RGB Percent	76%, 80%, 80%
CMY	0.2428, 0.2035, 0.1996
CMYK	0.05, 0.00, 0.00, 0.20
HSL	185°, 10%, 78%
HSV	185°, 5%, 80%
XYZ	54.3053, 58.4711, 65.6109
YIQ	200.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

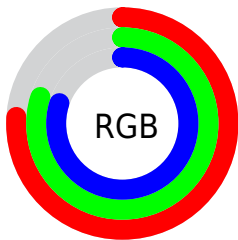
Format	Color
RYB	193, 198, 204
Decimal	12700620
CIELab	81.00, -3.21, -1.69
CIElCh	81, 3.625, 207.731
Yxy	58.4711, 0.3044, 0.3278
Android (android.graphics.Color)	4290890700 (0xFFC1CBCC)
YUV	200.1240, 1.9109, -6.2477
Hunter-Lab	76.4664, -7.0481, 2.6535

Details

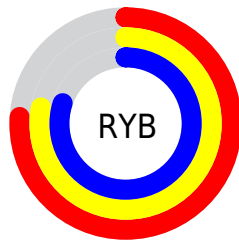
The CIELCh color **81, 3.625, 207.731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 3.751, 27.669**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **61, 3.820, 207.658** is the 20% darker color. If you saturate the color by 10%, you get **79, 10.077, 207.435**, and if you desaturate by 10%, it is **83, 3.168, 27.606**.

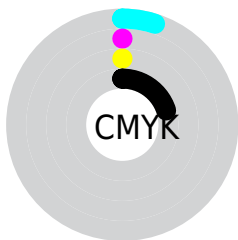
Distribution



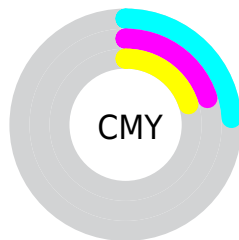
- Red (76%)
- Green (80%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.625, 207.731 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, 3.625, 207.731 by changing the saturation by 10% instead.

■ 81, 3.625, 207.731

■ 81, 3.625, 207.731

■ 100, 3.625,
207.731

■ 71, 3.625, 207.731

■ 61, 3.625, 207.731

■ 51, 3.625, 207.731

■ 41, 3.625, 207.731

■ 31, 3.625, 207.731

■ 21, 3.625, 207.731

■ 11, 3.625, 207.731

■ 1, 3.625, 207.731

■ 0, 3.625, 207.731

81, 3.625, 207.731

81, 3.625, 207.731

79, 10.077,
207.435

83, 3.168, 27.606

77, 16.085,
207.341

85, 10.218, 28.023

76, 21.542,
207.375

87, 17.448, 28.382

74, 26.337,
207.556

88, 17.188, 31.663

88, 16.733, 35.237

73, 30.368,
207.912

89, 16.348, 38.995

89, 16.038, 42.916

72, 33.554,
208.476

90, 15.808, 46.970

90, 15.661, 51.120

71, 35.850,
209.281

70, 37.265,
210.361

■ 69, 37.875,
211.742

Harmonies

Complementary

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



81, 3.625, 207.731



79, 3.751, 27.669

Rectangle

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



81, 3.625, 207.731



81, 3.625, 257.731



81, 3.625, 27.731



81, 3.625, 77.731

Sweetspot

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



81, 3.626, 207.701



100, 1.625, 208.030



81, 6.735, 146.499



53, 0.924, 208.053



0, 0.000, 0.000



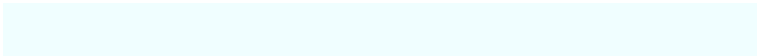
53, 0.007, 296.813

Same Dimension

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



81, 3.626, 207.701



99, 4.827, 207.670



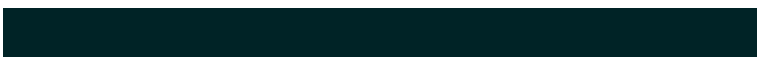
80, 3.777, 264.648



42, 2.662, 207.650



57, 32.596, 212.180



11, 12.348, 208.601

Inverse Universe

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



79, 6.719, 327.255



96, 8.964, 327.299



81, 3.787, 83.117



41, 4.951, 327.330



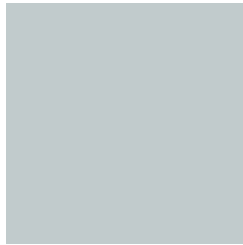
38, 78.011, 332.168



5, 26.991, 330.654

Previews

White Background



This preview shows how the CIELCh color 81, 3.625, 207.731 looks on a white background.

Color Contrast Check

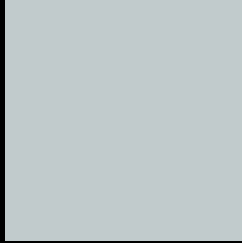
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 3.625, 207.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

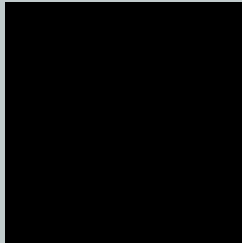
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

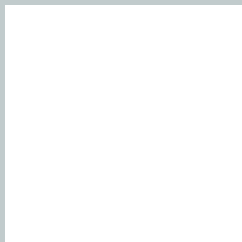
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.625, 207.731

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.625, 207.731.

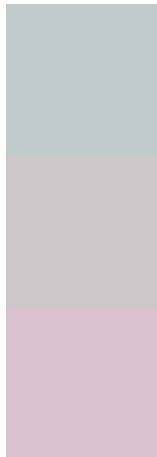


This preview shows how white text looks on a background with the CIELCh color 81, 3.625, 207.731.

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, 3.625, 207.731

Protanopia

81, 1.823, 343.584

Deuteranopia

81, 10.293, 345.702



Tritanopia
81, 8.721, 276.982

Trichromacy



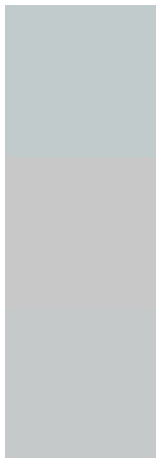
Original Color
81, 3.625, 207.731

Protanomaly
81, 1.126, 271.521

Deuteranomaly
81, 5.505, 337.289

Tritanomaly
81, 5.973, 262.366

Monochromacy



Original Color
81, 3.625, 207.731

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.452, 199.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.625, 207.731 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(193, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 204)  
}
```

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(193, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.625, 207.731 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(193, 203, 204) }
```

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

```
.border{ border-color:rgb(193, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.625, 207.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 204) }
```

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

```
.background{ background-color: rgb(193,  
203, 204) }
```

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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