

Converting Colors

CIELCh(81, 4.294, 218.318)

Have a look what the booklet for
CIELCh(81, 4.294, 218.318) contains.

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Color

CIELCh(81, 4.217, 221.503)

Conversions

Conversions Part 1

Format	Color
Hex	C0CBCE
RGB	192, 203, 206
RGB Percent	75%, 80%, 81%
CMY	0.2465, 0.2033, 0.1916
CMYK	0.07, 0.01, 0.00, 0.19
HSL	193°, 13%, 78%
HSV	193°, 7%, 81%
XYZ	54.3251, 58.4711, 66.9100
YIQ	200.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

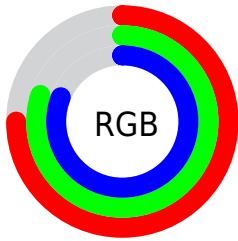
Format	Color
RYB	192, 198, 206
Decimal	12635086
CIELab	81.00, -3.16, -2.79
CIELCh	81, 4.217, 221.503
Yxy	58.4711, 0.3023, 0.3254
Android (android.graphics.Color)	4290825166 (0xFFC0CBCE)
YUV	200.0530, 2.9319, -7.0625
Hunter-Lab	76.4664, -7.0018, 1.6462

Details

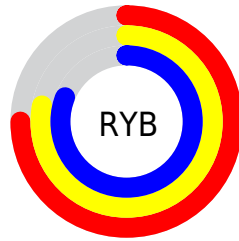
The CIELCh color $81, 4.217, 221.503$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 4.392, 40.817$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.426, 199.524$, and $61, 4.098, 223.561$ is the 20% darker color. If you saturate the color by 10%, you get $78, 10.159, 221.860$, and if you desaturate by 10%, it is $84, 2.031, 40.758$.

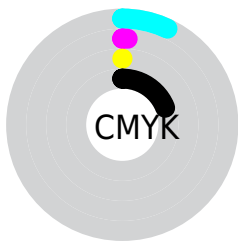
Distribution



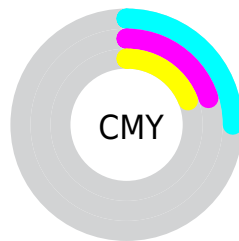
- Red (75%)
- Green (80%)
- Blue (81%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.217, 221.503 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, 4.217, 221.503 by changing the saturation by 10% instead.

■ 81, 4.217, 221.503

■ 81, 4.217, 221.503

■ 100, 4.217,
221.503

■ 71, 4.217, 221.503

■ 61, 4.217, 221.503

■ 51, 4.217, 221.503

■ 41, 4.217, 221.503

■ 31, 4.217, 221.503

■ 21, 4.217, 221.503

■ 11, 4.217, 221.503

■ 1, 4.217, 221.503

■ 0, 4.217, 221.503

81, 4.217, 221.503

81, 4.217, 221.503

78, 10.159,
221.860

84, 2.031, 40.758

76, 15.710,
222.488

86, 8.514, 40.763

74, 20.781,
223.364

89, 15.171, 40.676

71, 25.278,
224.543

90, 15.004, 50.310

69, 29.119,
226.097

92, 14.973, 60.791

67, 32.243,
228.110

93, 15.441, 70.944

66, 34.629,
230.667

94, 16.364, 80.193

64, 36.321,
233.849

95, 17.665, 88.232

96, 19.264, 95.018

■ 62, 37.450,
237.678

Harmonies

Complementary

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



81, 4.217, 221.503



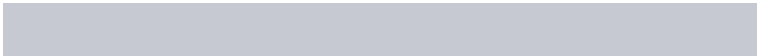
80, 4.392, 40.817

Rectangle

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



81, 4.217, 221.503



81, 4.217, 271.503



81, 4.217, 41.503



81, 4.217, 91.503

Sweetspot

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



81, 4.217, 221.476



99, 1.494, 221.612



81, 7.883, 150.136



53, 0.849, 221.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

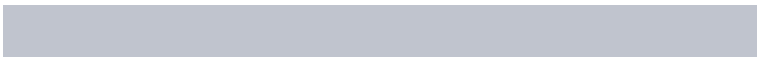
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 4.217, 221.476



97, 5.885, 221.506



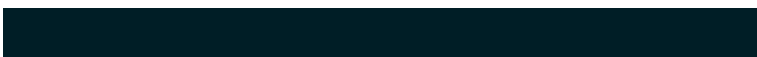
79, 5.421, 274.590



42, 3.470, 221.544



50, 32.051, 238.249



10, 11.737, 228.712

Inverse Universe

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



79, 7.830, 331.408



95, 10.970, 331.497



81, 5.400, 92.837



40, 6.496, 331.584



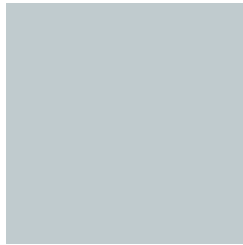
37, 71.033, 338.917



5, 24.373, 336.070

Previews

White Background



This preview shows how the CIELCh color 81, 4.217, 221.503 looks on a white background.

Color Contrast Check

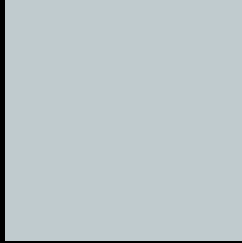
Large Text (above 18pt) WCAG AA × Fail

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, 4.217, 221.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

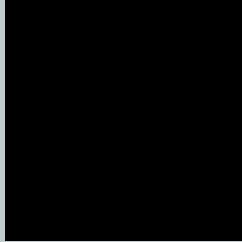
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

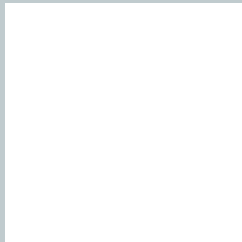
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.217, 221.503

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.217, 221.503.



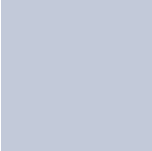
This preview shows how white text looks on a background with the CIELCh color 81, 4.217, 221.503.

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](#).

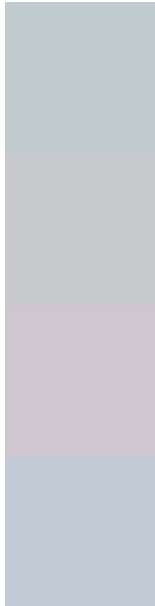
Dichromacy





Tritanopia
81, 8.804, 274.775

Trichromacy



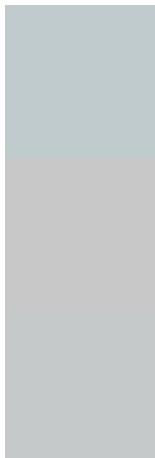
Original Color
81, 4.217, 221.503

Protanomaly
81, 2.241, 271.596

Deuteranomaly
81, 6.044, 327.500

Tritanomaly
81, 6.596, 261.935

Monochromacy



Original Color
81, 4.217, 221.503

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.539, 219.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.217, 221.503 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(192, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 206)  
}
```

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(192, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.217, 221.503 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(192, 203, 206) }
```

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

```
.border{ border-color:rgb(192, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.217, 221.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 206) }
```

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

```
.background{ background-color: rgb(192,  
203, 206) }
```

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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