

Converting Colors

CIELCh(81, 3.136, 238.354)

Have a look what the booklet for
CIELCh(81, 3.136, 238.354) contains.

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Color

CIELCh(81, 3.265, 240.105)

Conversions

Conversions Part 1

Format	Color
Hex	C3CACE
RGB	195, 202, 206
RGB Percent	76%, 79%, 81%
CMY	0.2343, 0.2068, 0.1911
CMYK	0.05, 0.02, 0.00, 0.19
HSL	202°, 10%, 79%
HSV	202°, 5%, 81%
XYZ	54.9286, 58.4711, 66.9527
YIQ	200.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

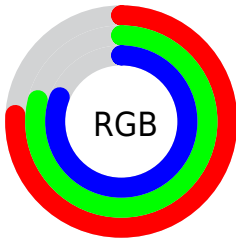
Format	Color
R_{YB}	195, 199, 206
Decimal	12831438
CIE _{Lab}	81.00, -1.63, -2.83
CIE _{LCh}	81, 3.265, 240.105
Yxy	58.4711, 0.3046, 0.3242
Android (android.graphics.Color)	4291021518 (0xFFC3CACE)
YUV	200.3630, 2.7790, -4.7034
Hunter-Lab	76.4664, -5.5931, 1.6131

Details

The CIELCh color $81, 3.265, 240.105$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 3.335, 58.792$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.042, 199.975$, and $61, 3.443, 240.248$ is the 20% darker color. If you saturate the color by 10%, you get $78, 9.225, 241.093$, and if you desaturate by 10%, it is $84, 2.883, 58.842$.

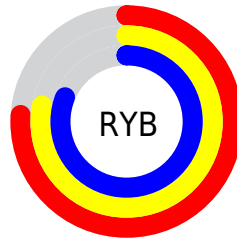
Distribution



Red (76%)

Green (79%)

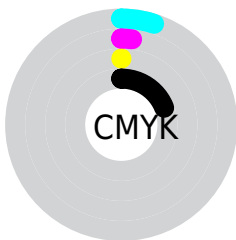
Blue (81%)



Red (76%)

Yellow (78%)

Blue (81%)

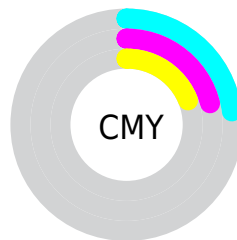


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.265, 240.105 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, 3.265, 240.105 by changing the saturation by 10% instead.

■ 81, 3.265, 240.105

■ 81, 3.265, 240.105

■ 100, 3.265,
240.105

■ 71, 3.265, 240.105

■ 61, 3.265, 240.105

■ 51, 3.265, 240.105

■ 41, 3.265, 240.105

■ 31, 3.265, 240.105

■ 21, 3.265, 240.105

■ 11, 3.265, 240.105

■ 1, 3.265, 240.105

■ 0, 3.265, 240.105

81, 3.265, 240.105

81, 3.265, 240.105

78, 9.225, 241.093

84, 2.883, 58.842

74, 14.945,
242.452

88, 9.170, 58.207

71, 20.369,
244.145

91, 14.911, 59.523

93, 15.887, 76.457

68, 25.442,
246.240

95, 18.046, 90.283

65, 30.122,
248.818

97, 21.010,
100.593

62, 34.393,
251.958

99, 24.470,
108.084

59, 38.280,
255.721

99, 24.600,
108.312

56, 41.870,
260.116

■ 54, 45.306,
265.057

Harmonies

Complementary

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



81, 3.265, 240.105



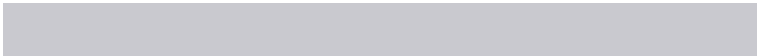
81, 3.335, 58.792

Rectangle

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



81, 3.265, 240.105



81, 3.265, 290.105



81, 3.265, 60.105



81, 3.265, 110.105

Sweetspot

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



81, 3.265, 240.068



99, 1.465, 239.983



82, 5.545, 156.064



53, 0.833, 239.993



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, 3.265, 240.068



98, 4.356, 240.126



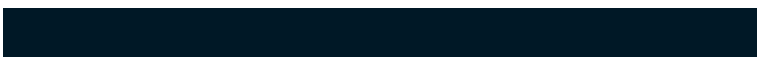
80, 5.018, 283.867



42, 2.403, 240.167



43, 39.472, 266.509



7, 12.799, 254.879

Inverse Universe

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



80, 5.522, 337.282



96, 7.382, 337.344



82, 4.965, 102.648



41, 4.078, 337.385



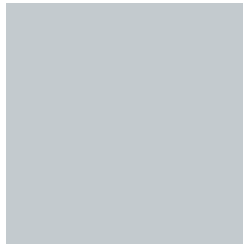
36, 64.536, 349.578



4, 21.662, 344.757

Previews

White Background



This preview shows how the CIELCh color 81, 3.265, 240.105 looks on a white background.

Color Contrast Check

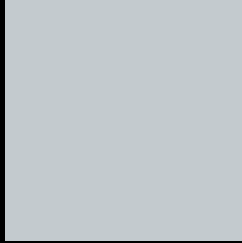
Large Text (above 18pt) WCAG AA × Fail

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, 3.265, 240.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

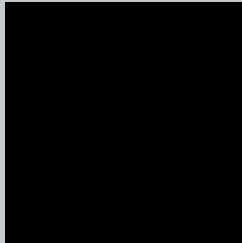
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

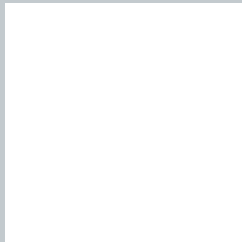
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.265, 240.105

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.265, 240.105.



This preview shows how white text looks on a background with the CIELCh color 81, 3.265, 240.105.

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

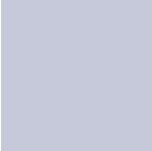
81, 3.265, 240.105

Protanopia

81, 2.892, 312.530

Deuteranopia

81, 10.633, 339.799



Tritanopia
81, 8.593, 281.522

Trichromacy



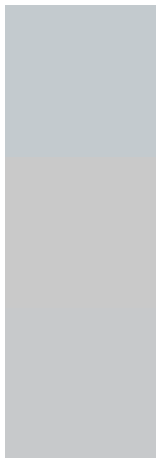
Original Color
81, 3.265, 240.105

Protanomaly
81, 2.157, 280.752

Deuteranomaly
81, 6.272, 330.171

Tritanomaly
81, 6.590, 275.175

Monochromacy



Original Color
81, 3.265, 240.105

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.284, 255.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.265, 240.105 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(195, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 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(195, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.265, 240.105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

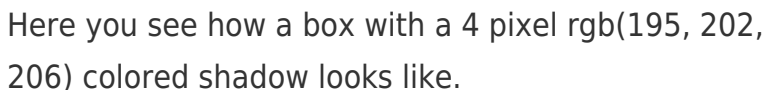
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 202, 206) }
```

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

```
.border{ border-color:rgb(195, 202, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.265, 240.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 206) }
```

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

```
.background{ background-color: rgb(195,  
202, 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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