

Converting Colors

CIELCh(81, 13.317, 222.192)

Have a look what the booklet for
CIELCh(81, 13.317, 222.192)
contains.

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Color

CIELCh(81, 13.176, 222.542)

Conversions

Conversions Part 1

Format	Color
Hex	ABCFD9
RGB	171, 207, 217
RGB Percent	67%, 81%, 85%
CMY	0.3283, 0.1871, 0.1479
CMYK	0.21, 0.05, 0.00, 0.15
HSL	193°, 38%, 76%
HSV	193°, 21%, 85%
XYZ	51.7931, 58.4711, 74.3907
YIQ	197.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

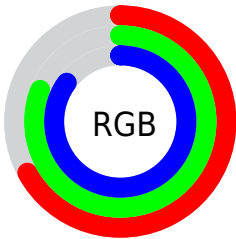
Format	Color
R_{YB}	171, 191, 217
Decimal	11259865
CIE _{Lab}	81.00, -9.71, -8.91
CIE _{LCh}	81, 13.176, 222.542
Yxy	58.4711, 0.2805, 0.3167
Android (android.graphics.Color)	4289449945 (0xFFABC _{FD9})
YUV	197.3760, 9.6746, -23.1318
Hunter-Lab	76.4664, -12.9126, -4.1541

Details

The CIELCh color **81, 13.176, 222.542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 15.134, 41.011**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **61, 13.143, 221.230** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.753, 223.292**, and if you desaturate by 10%, it is **84, 7.152, 222.013**.

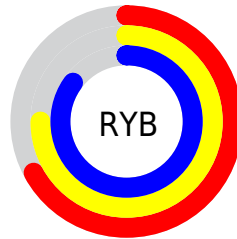
Distribution



Red (67%)

Green (81%)

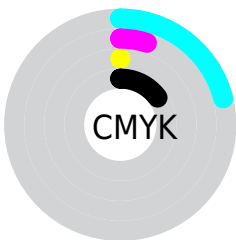
Blue (85%)



Red (67%)

Yellow (75%)

Blue (85%)

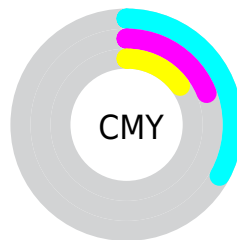


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (33%)


Magenta (19%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 13.176, 222.542 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, 13.176, 222.542 by changing the saturation by 10% instead.


 81, 13.176,
222.542


 81, 13.176,
222.542


 100, 13.176,
222.542


 71, 13.176,
222.542


 61, 13.176,
222.542

 51, 13.176,
222.542

 41, 13.176,
222.542

 31, 13.176,
222.542

 21, 13.176,
222.542

 11, 13.176,

222.542

■ 1, 13.176, 222.542

■ 0, 13.176, 222.542

■ 81, 13.176,
222.542

■ 81, 13.176,
222.542

■ 78, 18.753,
223.292

■ 84, 7.152, 222.013

■ 76, 23.787,
224.324

■ 86, 0.771, 222.284

■ 74, 28.184,
225.696

■ 89, 5.885, 41.181

■ 72, 31.865,
227.489

■ 92, 11.630, 43.135

■ 70, 34.785,

■ 93, 11.352, 57.742

■ 94, 11.827, 72.058

229.788

95, 12.967, 84.507

68, 36.952,
232.682

97, 14.610, 94.503

66, 38.450,
236.234

98, 16.602,
102.242

65, 39.413,
239.830

Harmonies

Complementary

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



81, 13.176, 222.542



77, 15.134, 41.011

Rectangle

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



81, 13.176, 222.542



81, 13.176, 272.542



81, 13.176, 42.542



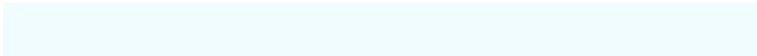
81, 13.176, 92.542

Sweetspot

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



81, 13.176, 222.535



98, 4.429, 221.860



83, 25.499, 149.605



52, 2.933, 221.872



0, 0.000, 0.000



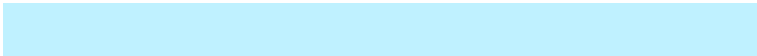
53, 0.007, 296.813

Same Dimension

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



81, 13.176, 222.535



92, 17.486, 222.812



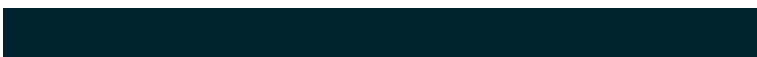
75, 18.224, 277.883



45, 3.677, 221.949



52, 33.228, 239.115



12, 13.118, 231.000

Inverse Universe

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



75, 25.606, 332.498



84, 34.441, 332.776



82, 18.093, 92.300



43, 6.878, 331.708



39, 73.226, 339.168



6, 29.656, 336.886

Previews

White Background



This preview shows how the CIELCh color 81, 13.176, 222.542 looks on a white background.

Color Contrast Check

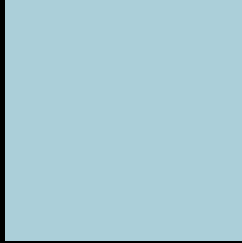
Large Text (above 18pt) WCAG AA × Fail

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, 13.176, 222.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

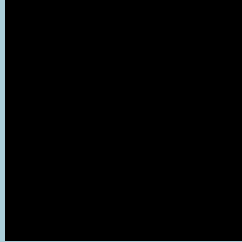
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

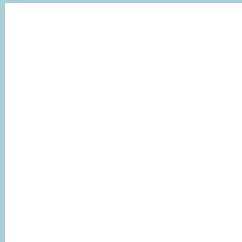
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 13.176, 222.542

Background



This preview shows how black text looks on a background with the CIELCh color 81, 13.176, 222.542.



This preview shows how white text looks on a background with the CIELCh color 81, 13.176, 222.542.

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, 14.314, 238.122

Trichromacy



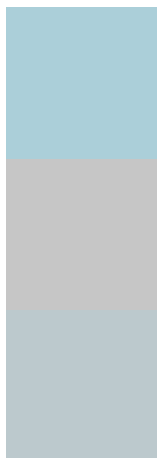
Original Color
81, 13.176, 222.542

Protanomaly
81, 7.565, 256.950

Deuteranomaly
81, 10.656, 287.362

Tritanomaly
81, 13.745, 234.387

Monochromacy



Original Color
81, 13.176, 222.542

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.063, 224.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 13.176, 222.542 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(171, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 217)  
}
```

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(171, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 13.176, 222.542 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(171, 207, 217) }
```

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

```
.border{ border-color:rgb(171, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 13.176, 222.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 217) }
```

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

```
.background{ background-color: rgb(171,  
207, 217) }
```

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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