

Converting Colors

CIELCh(81, 17.257, 230.894)

Have a look what the booklet for
CIELCh(81, 17.257, 230.894)
contains.

CIELCh(81, 17.305, 232.304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 17.305, 232.304)

Conversions

Conversions Part 1

Format	Color
Hex	A3D0E2
RGB	163, 208, 226
RGB Percent	64%, 82%, 89%
CMY	0.3603, 0.1838, 0.1132
CMYK	0.28, 0.08, 0.00, 0.11
HSL	197°, 52%, 76%
HSV	197°, 28%, 89%
XYZ	51.4614, 58.4711, 80.6181
YIQ	196.5970, -32.5980, -3.9420

Conversions

Conversions Part 2

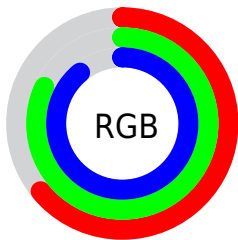
Format	Color
RYB	163, 189, 226
Decimal	10735842
CIELab	81.00, -10.58, -13.69
CIELCh	81, 17.305, 232.304
Yxy	58.4711, 0.2701, 0.3069
Android (android.graphics.Color)	4288925922 (0xFFA3D0E2)
YUV	196.5970, 14.4957, -29.4646
Hunter-Lab	76.4664, -13.6869, -8.9826

Details

The CIELCh color **81, 17.305, 232.304** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 20.549, 48.290**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **61, 17.490, 231.715** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.756, 233.696**, and if you desaturate by 10%, it is **84, 11.404, 231.219**.

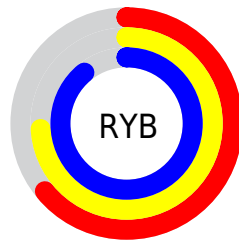
Distribution



Red (64%)

Green (82%)

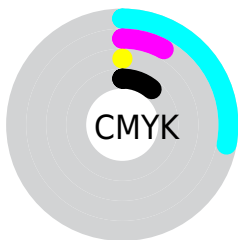
Blue (89%)



Red (64%)

Yellow (74%)

Blue (89%)

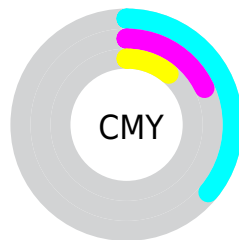


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (36%)


Magenta (18%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.305, 232.304 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, 17.305, 232.304 by changing the saturation by 10% instead.


 81, 17.305,
232.304


 81, 17.305,
232.304


 100, 17.305,
232.304


 71, 17.305,
232.304


 61, 17.305,
232.304

 51, 17.305,
232.304

 41, 17.305,
232.304

 31, 17.305,
232.304

 21, 17.305,
232.304

 11, 17.305,

232.304

■ 1, 17.305, 232.304

■ 0, 17.305, 232.304

■ 81, 17.305,
232.304

■ 81, 17.305,
232.304

■ 78, 22.756,
233.696

■ 84, 11.404,
231.219

■ 75, 27.678,
235.482

■ 87, 5.138, 230.427

■ 91, 1.418, 49.260

■ 72, 32.003,
237.746

■ 94, 8.197, 49.076

■ 70, 35.694,
240.579

■ 96, 9.024, 73.483

■ 67, 38.767,

■ 97, 10.958, 93.695

244.068

99, 13.799,
106.636

65, 41.313,
248.257

99, 14.607,
109.074

63, 43.517,
253.076

63, 43.995,
254.117

Harmonies

Complementary

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



81, 17.305, 232.304



77, 20.549, 48.290

Rectangle

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



81, 17.305, 232.304



81, 17.305, 282.304



81, 17.305, 52.304



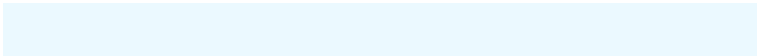
81, 17.305, 102.304

Sweetspot

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



81, 17.305, 232.299



97, 5.761, 230.438



85, 32.960, 151.418



51, 4.080, 230.538



0, 0.000, 0.000



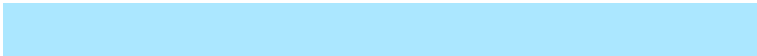
53, 0.007, 296.813

Same Dimension

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



81, 17.305, 232.299



88, 22.215, 233.004



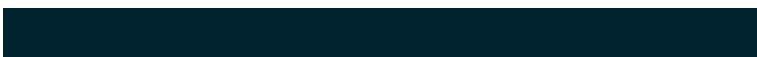
73, 27.055, 283.322



45, 3.675, 230.529



49, 36.219, 253.204



12, 14.056, 243.816

Inverse Universe

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



74, 33.206, 335.687



80, 43.291, 336.110



85, 26.305, 96.076



44, 6.676, 334.319



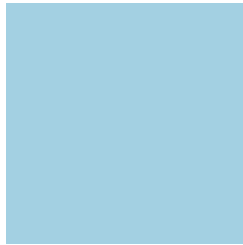
39, 70.579, 343.770



7, 29.650, 340.608

Previews

White Background



This preview shows how the CIE LCh color 81, 17.305, 232.304 looks on a white background.

Color Contrast Check

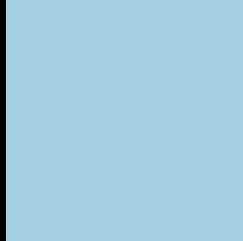
Large Text (above 18pt) WCAG AA × Fail

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, 17.305, 232.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

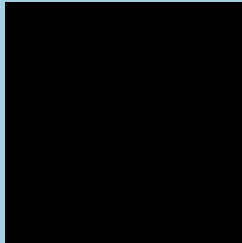
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.305, 232.304

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.305, 232.304.



This preview shows how white text looks on a background with the CIELCh color 81, 17.305, 232.304.

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](#).

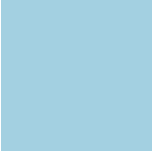
Dichromacy



Original Color
81, 17.305, 232.304

Protanopia
81, 11.175, 289.379

Deuteranopia
81, 18.654, 304.611



Tritanopia
81, 17.066, 230.686

Trichromacy



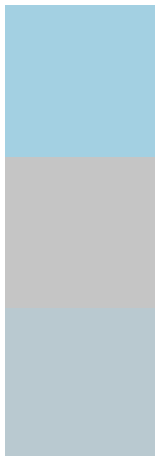
Original Color
81, 17.305, 232.304

Protanomaly
81, 11.987, 262.069

Deuteranomaly
81, 15.133, 279.816

Tritanomaly
81, 17.066, 230.686

Monochromacy



Original Color
81, 17.305, 232.304

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.697, 233.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.305, 232.304 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(163, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 226)  
}
```

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(163, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.305, 232.304 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(163, 208, 226) }
```

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

```
.border{ border-color:rgb(163, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(163, 208,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.305, 232.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 226) }
```

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

```
.background{ background-color: rgb(163,  
208, 226) }
```

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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