

Converting Colors

CIELCh(81, 10.347, 229.227)

Have a look what the booklet for
CIELCh(81, 10.347, 229.227)
contains.

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Color

CIELCh(81, 10.353, 226.456)

Conversions

Conversions Part 1

Format	Color
Hex	B3CED7
RGB	179, 206, 215
RGB Percent	70%, 81%, 84%
CMY	0.2990, 0.1931, 0.1578
CMYK	0.17, 0.04, 0.00, 0.16
HSL	195°, 31%, 77%
HSV	195°, 17%, 84%
XYZ	52.7792, 58.4711, 72.6256
YIQ	198.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

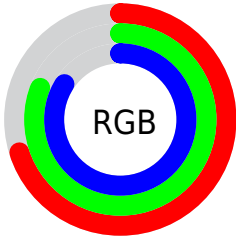
Format	Color
RYB	179, 194, 215
Decimal	11783895
CIELab	81.00, -7.13, -7.50
CIELCh	81, 10.353, 226.456
Yxy	58.4711, 0.2870, 0.3180
Android (android.graphics.Color)	4289973975 (0xFFB3CED7)
YUV	198.9530, 7.9112, -17.4988
Hunter-Lab	76.4664, -10.6107, -2.7855

Details

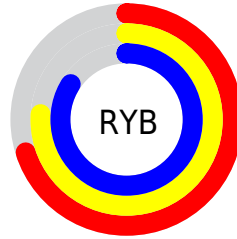
The CIELCh color **81, 10.353, 226.456** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 11.478, 44.693**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **61, 10.255, 224.839** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.051, 227.288**, and if you desaturate by 10%, it is **84, 4.280, 225.874**.

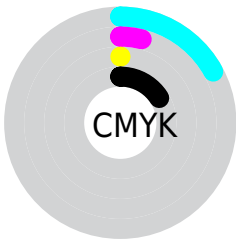
Distribution



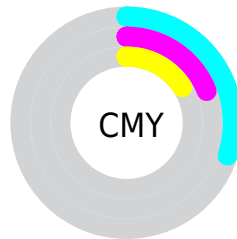
- Red (70%)
- Green (81%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)





- Cyan (30%)
- Magenta (19%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 10.353, 226.456 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, 10.353, 226.456 by changing the saturation by 10% instead.


 81, 10.353,
226.456


 81, 10.353,
226.456


 100, 10.353,
226.456


 71, 10.353,
226.456


 61, 10.353,
226.456

 51, 10.353,
226.456

 41, 10.353,
226.456

 31, 10.353,
226.456

 21, 10.353,
226.456

 11, 10.353,

226.456

■ 1, 10.353, 226.456

■ 0, 10.353, 226.456

■ 81, 10.353,
226.456

■ 81, 10.353,
226.456

■ 78, 16.051,
227.288

■ 84, 4.280, 225.874

■ 76, 21.288,
228.411

■ 87, 2.088, 44.997

■ 73, 25.976,
229.880

■ 90, 8.682, 44.848

■ 71, 30.038,
231.774

■ 92, 12.182, 51.657

■ 68, 33.422,

■ 94, 12.394, 67.197

■ 95, 13.461, 81.169

234.184

96, 15.194, 92.462

66, 36.121,
237.203

98, 17.388,
101.117

64, 38.196,
240.900

99, 19.882,
107.664

63, 39.796,
245.275

62, 40.296,
246.742

Harmonies

Complementary

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



81, 10.353, 226.456



78, 11.478, 44.693

Rectangle

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



81, 10.353, 226.456



81, 10.353, 276.456



81, 10.353, 46.456



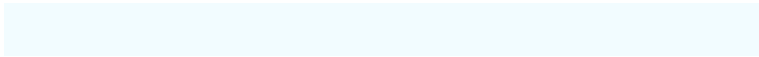
81, 10.353, 96.456

Sweetspot

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



81, 10.353, 226.446



98, 3.654, 225.825



83, 19.731, 150.558



52, 2.489, 225.842



0, 0.000, 0.000



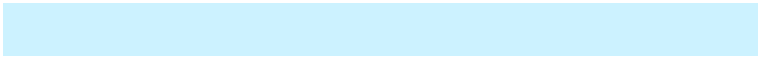
53, 0.007, 296.813

Same Dimension

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



81, 10.353, 226.446



93, 14.067, 226.706



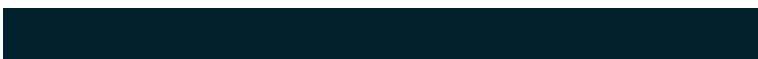
76, 14.499, 278.338



44, 3.564, 225.993



50, 33.834, 245.932



11, 12.784, 236.255

Inverse Universe

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



77, 19.593, 333.427



87, 26.913, 333.669



83, 14.373, 94.059



42, 6.592, 332.917



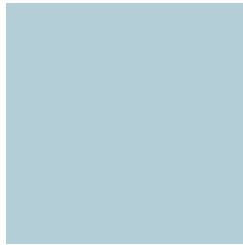
38, 70.780, 341.257



6, 27.426, 338.356

Previews

White Background



This preview shows how the CIELCh color 81, 10.353, 226.456 looks on a white background.

Color Contrast Check

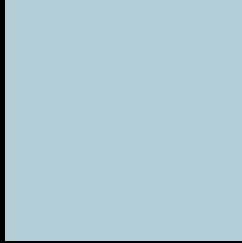
Large Text (above 18pt) WCAG AA × Fail

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, 10.353, 226.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

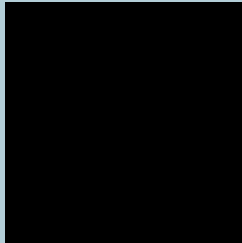
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

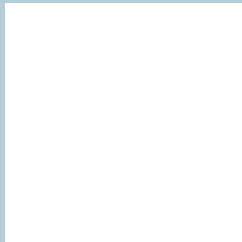
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 10.353, 226.456

Background



This preview shows how black text looks on a background with the CIELCh color 81, 10.353, 226.456.



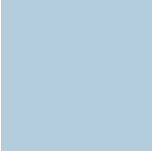
This preview shows how white text looks on a background with the CIELCh color 81, 10.353, 226.456.

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, 11.860, 244.967

Trichromacy



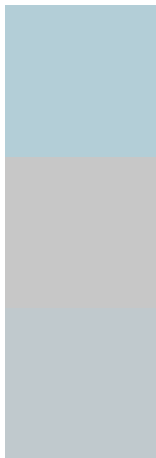
Original Color
81, 10.353, 226.456

Protanomaly
81, 6.140, 259.452

Deuteranomaly
81, 9.087, 295.447

Tritanomaly
81, 11.179, 240.842

Monochromacy



Original Color
81, 10.353, 226.456

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.833, 233.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 10.353, 226.456 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(179, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 215)  
}
```

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(179, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 10.353, 226.456 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(179, 206, 215) }
```

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

```
.border{ border-color:rgb(179, 206, 215) }
```

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

Here you see how a box with a 4 pixel rgb(179, 206, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(179, 206,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 10.353, 226.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 215) }
```

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

```
.background{ background-color: rgb(179,  
206, 215) }
```

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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