

Converting Colors

CIELCh(83, 10.657, 239.049)

Have a look what the booklet for
CIELCh(83, 10.657, 239.049)
contains.

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Color

CIELCh(83, 10.517, 236.174)

Conversions

Conversions Part 1

Format	Color
Hex	BAD3DF
RGB	186, 211, 223
RGB Percent	73%, 83%, 87%
CMY	0.2717, 0.1737, 0.1266
CMYK	0.17, 0.05, 0.00, 0.13
HSL	199°, 36%, 80%
HSV	199°, 17%, 87%
XYZ	56.6854, 62.1629, 78.6194
YIQ	204.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

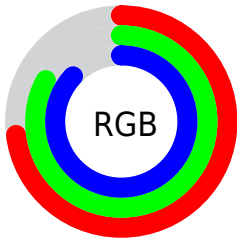
Format	Color
RYB	186, 201, 223
Decimal	12243935
CIELab	83.00, -5.85, -8.74
CIELCh	83, 10.517, 236.174
Yxy	62.1629, 0.2871, 0.3148
Android (android.graphics.Color)	4290434015 (0xFFBAD3DF)
YUV	204.8930, 8.9268, -16.5692
Hunter-Lab	78.8435, -9.6416, -3.9310

Details

The CIELCh color `83, 10.517, 236.174` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 11.496, 53.296`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `63, 10.658, 234.181` is the 20% darker color. If you saturate the color by 10%, you get `80, 16.452, 237.403`, and if you desaturate by 10%, it is `86, 4.271, 235.237`.

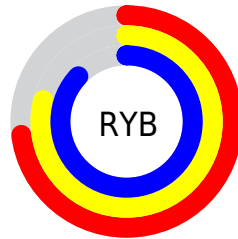
Distribution



Red (73%)

Green (83%)

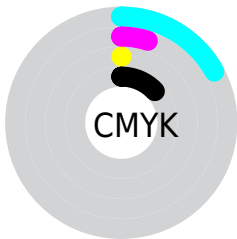
Blue (87%)



Red (73%)

Yellow (79%)

Blue (87%)

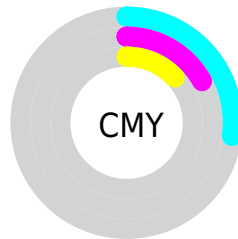


Cyan (17%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (27%)


Magenta (17%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 10.517, 236.174 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 83, 10.517, 236.174 by changing the saturation by 10% instead.


 83, 10.517,
236.174


 83, 10.517,
236.174


 100, 10.517,
236.174


 73, 10.517,
236.174

 63, 10.517,
236.174

 53, 10.517,
236.174

 43, 10.517,
236.174

 33, 10.517,
236.174

 23, 10.517,
236.174

 13, 10.517,

236.174

■ 3, 10.517, 236.174

■ 0, 10.517, 236.174

■ 83, 10.517,
236.174

■ 83, 10.517,
236.174

■ 80, 16.452,
237.403

■ 86, 4.271, 235.237

■ 76, 22.006,
238.973

■ 90, 2.219, 54.072

■ 73, 27.110,
240.946

■ 93, 8.895, 53.613

■ 70, 31.707,
243.408

■ 95, 10.310, 76.253

■ 67, 35.771,

■ 97, 12.618, 95.482

■ 99, 15.862,
107.713

246.449

99, 16.332,
108.943

65, 39.326,
250.142

62, 42.463,
254.513

60, 45.352,
259.484

59, 46.349,
261.186

Harmonies

Complementary

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



83, 10.517, 236.174



82, 11.496, 53.296

Rectangle

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



83, 10.517, 236.174



83, 10.517, 286.174



83, 10.517, 56.174



83, 10.517, 106.174

Sweetspot

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



83, 10.517, 236.164



98, 3.617, 235.138



86, 18.929, 153.740



52, 2.464, 235.179



0, 0.000, 0.000



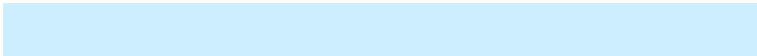
53, 0.007, 296.813

Same Dimension

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



83, 10.517, 236.164



92, 14.021, 236.568



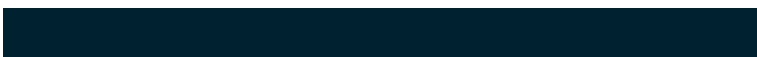
78, 16.289, 283.477



45, 3.671, 235.461



47, 38.522, 260.300



11, 14.588, 250.423

Inverse Universe

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



79, 18.978, 336.454



87, 25.550, 336.729



86, 15.959, 99.497



44, 6.495, 335.910



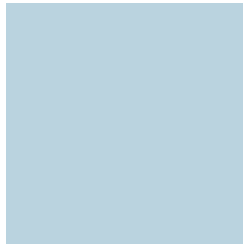
39, 68.891, 346.623



7, 28.939, 342.819

Previews

White Background



This preview shows how the CIELCh color 83, 10.517, 236.174 looks on a white background.

Color Contrast Check

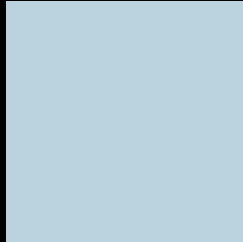
Large Text (above 18pt) WCAG AA × Fail

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 83, 10.517, 236.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

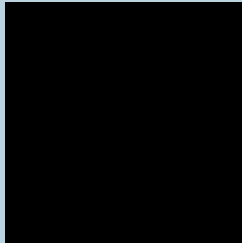
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

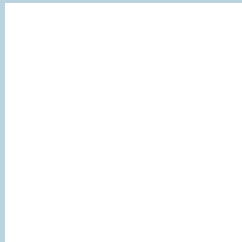
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.517, 236.174

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.517, 236.174.

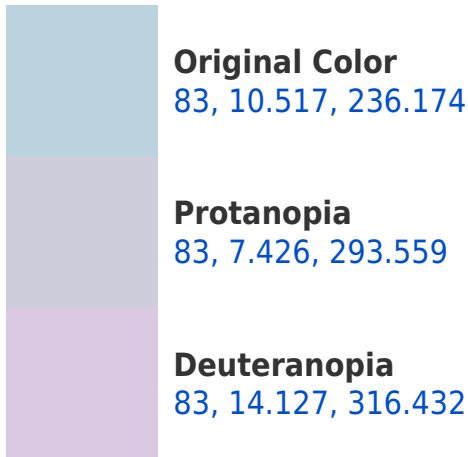


This preview shows how white text looks on a background with the CIELCh color 83, 10.517, 236.174.

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](#).

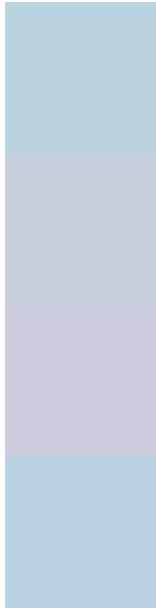
Dichromacy





Tritanopia
83, 11.959, 247.968

Trichromacy



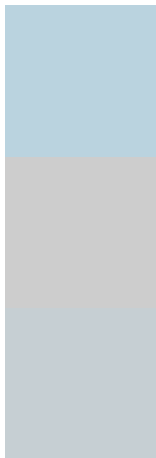
Original Color
83, 10.517, 236.174

Protanomaly
83, 7.373, 268.440

Deuteranomaly
83, 10.068, 293.045

Tritanomaly
83, 11.237, 244.085

Monochromacy



Original Color
83, 10.517, 236.174

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 3.813, 233.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.517, 236.174 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(186, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 223)  
}
```

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(186, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.517, 236.174 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(186, 211, 223) }
```

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

```
.border{ border-color:rgb(186, 211, 223) }
```

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

Here you see how a box with a 4 pixel rgb(186, 211, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(186, 211,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.517, 236.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 223) }
```

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

```
.background{ background-color: rgb(186,  
211, 223) }
```

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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