

Converting Colors

CIELCh(85, 15.230, 162.376)

Have a look what the booklet for
CIELCh(85, 15.230, 162.376)
contains.

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Color

CIELCh(85, 15.193, 162.345)

Conversions

Conversions Part 1

Format	Color
Hex	BADCCB
RGB	186, 220, 203
RGB Percent	73%, 86%, 80%
CMY	0.2702, 0.1368, 0.2035
CMYK	0.15, 0.00, 0.08, 0.14
HSL	150°, 33%, 80%
HSV	150°, 15%, 86%
XYZ	56.6845, 66.0070, 66.3148
YIQ	207.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

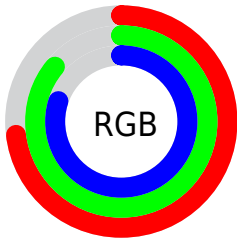
Format	Color
R _Y B	186, 209, 220
Decimal	12246219
CIE Lab	85.00, -14.48, 4.61
CIE LCh	85, 15.193, 162.345
Yxy	66.0070, 0.2999, 0.3492
Android (android.graphics.Color)	4290436299 (0xFFBADCCB)
YUV	207.8960, -2.4137, -19.2028
Hunter-Lab	81.2447, -17.6386, 8.4767

Details

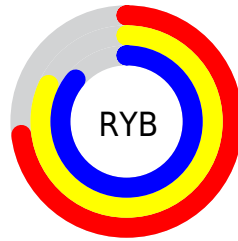
The CIELCh color `85, 15.193, 162.345` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `79, 15.495, 344.953`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `65, 15.075, 162.001` is the 20% darker color. If you saturate the color by 10%, you get `83, 24.937, 161.345`, and if you desaturate by 10%, it is `87, 5.354, 163.281`.

Distribution



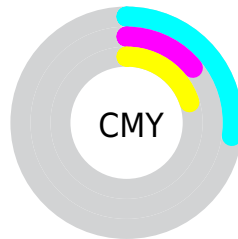
- Red (73%)
- Green (86%)
- Blue (80%)



- Red (73%)
- Yellow (82%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)





- Cyan (27%)
- Magenta (14%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 15.193, 162.345 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 85, 15.193, 162.345 by changing the saturation by 10% instead.


 85, 15.193,
162.345


 85, 15.193,
162.345


 100, 15.193,
162.345


 75, 15.193,
162.345

 65, 15.193,
162.345

 55, 15.193,
162.345

 45, 15.193,
162.345

 35, 15.193,
162.345


 25, 15.193,
162.345


 15, 15.193,


162.345

 5, 15.193, 162.345

 0, 15.193, 162.345

 85, 15.193,
162.345


 85, 15.193,
162.345


 83, 24.937,
161.345


 87, 5.354, 163.281


 82, 34.439,
160.234

 89, 4.469, 343.904


 81, 43.541,
158.981

 91, 14.184,
344.704

 80, 52.074,
157.562

 91, 18.680,
332.306

 79, 59.878,

 92, 21.844,
325.185

155.952

■ 78, 66.830,
154.132

■ 78, 72.867,
152.098

■ 78, 78.011,
149.872

■ 78, 80.157,
148.855

Harmonies

Complementary

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



85, 15.193, 162.345



79, 15.495, 344.953

Rectangle

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



85, 15.193, 162.345



85, 15.193, 212.345



85, 15.193, 342.345



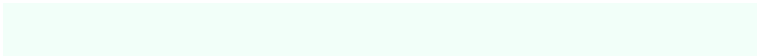
85, 15.193, 32.345

Sweetspot

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



85, 15.195, 162.342



99, 5.535, 163.322



86, 18.806, 127.784



53, 3.777, 163.251



0, 0.000, 0.000



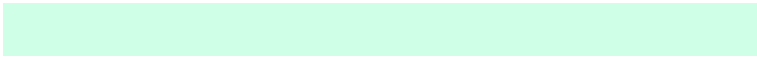
53, 0.007, 296.813

Same Dimension

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



85, 15.195, 162.342



96, 21.038, 161.984



85, 11.761, 197.169



45, 5.567, 162.905



62, 66.535, 149.257



16, 24.333, 154.025

Inverse Universe

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



79, 15.495, 344.953



88, 21.551, 345.312



78, 12.955, 19.099



43, 5.638, 344.391



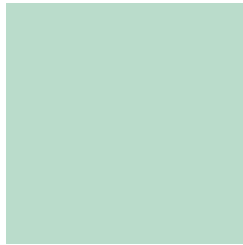
37, 63.493, 1.775



6, 25.069, 354.521

Previews

White Background



This preview shows how the CIE LCh color 85, 15.193, 162.345 looks on a white background.

Color Contrast Check

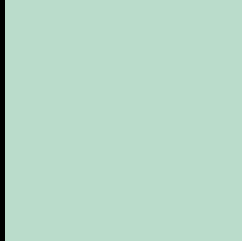
Large Text (above 18pt) WCAG AA × Fail

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 85, 15.193, 162.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

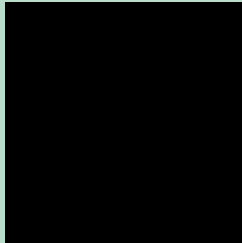
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

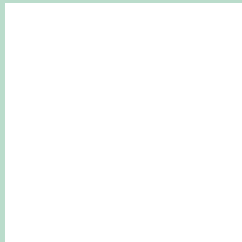
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.193, 162.345

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.193, 162.345.

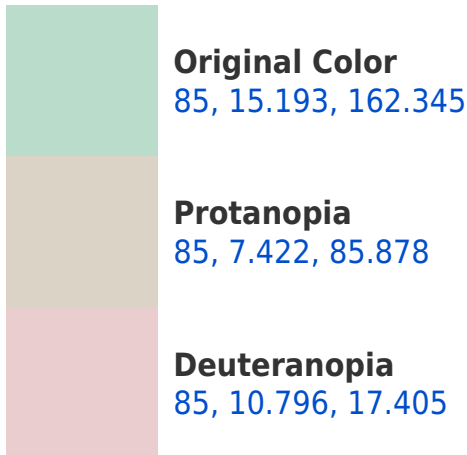


This preview shows how white text looks on a background with the CIELCh color 85, 15.193, 162.345.

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](#).

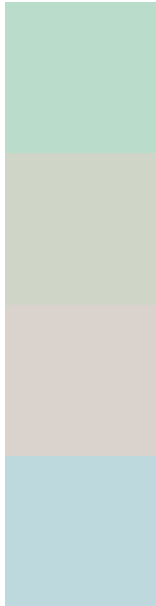
Dichromacy





Tritanopia
85, 12.124, 246.735

Trichromacy



Original Color
85, 15.193, 162.345

Protanomaly
85, 7.799, 128.798

Deuteranomaly
85, 3.656, 65.187

Tritanomaly
85, 9.947, 214.203

Monochromacy



Original Color
85, 15.193, 162.345

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.395, 163.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.193, 162.345 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, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 203)  
}
```

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, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.193, 162.345 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, 220, 203) }
```

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

```
.border{ border-color:rgb(186, 220, 203) }
```

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

Here you see how a box with a 4 pixel rgb(186, 220, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 220,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.193, 162.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 203) }
```

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

```
.background{ background-color: rgb(186,  
220, 203) }
```

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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