

Converting Colors

CIELCh(91, 9.729, 196.128)

Have a look what the booklet for
CIELCh(91, 9.729, 196.128) contains.

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Color

CIELCh(91, 9.683, 195.738)

Conversions

Conversions Part 1

Format	Color
Hex	CFEBEA
RGB	207, 235, 234
RGB Percent	81%, 92%, 92%
CMY	0.1889, 0.0791, 0.0831
CMYK	0.12, 0.00, 0.00, 0.08
HSL	178°, 41%, 87%
HSV	178°, 12%, 92%
XYZ	70.1645, 78.4833, 89.1570
YIQ	226.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

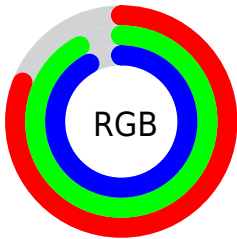
Format	Color
R_{YB}	207, 221, 235
Decimal	13626346
CIE _{Lab}	91.00, -9.32, -2.63
CIE _{LCh}	91, 9.683, 195.738
Yxy	78.4833, 0.2951, 0.3300
Android (android.graphics.Color)	4291816426 (0xFFCFEBEA)
YUV	226.5140, 3.6906, -17.1138
Hunter-Lab	88.5908, -13.6607, 2.3447

Details

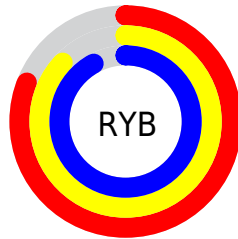
The CIELCh color **91, 9.683, 195.738** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 10.399, 17.255**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.754, 195.430** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.313, 195.084**, and if you desaturate by 10%, it is **93, 1.596, 196.688**.

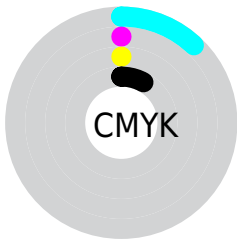
Distribution



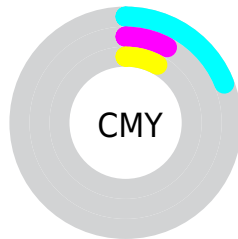
- Red (81%)
- Green (92%)
- Blue (92%)



- Red (81%)
- Yellow (87%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.683, 195.738 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 91, 9.683, 195.738 by changing the saturation by 10% instead.

91, 9.683, 195.738

91, 9.683, 195.738

100, 9.683,
195.738

81, 9.683, 195.738

71, 9.683, 195.738

61, 9.683, 195.738

51, 9.683, 195.738

41, 9.683, 195.738

31, 9.683, 195.738

21, 9.683, 195.738

11, 9.683, 195.738

1, 9.683, 195.738

91, 9.683, 195.738

91, 9.683, 195.738

90, 17.313,
195.084

93, 1.596, 196.688

88, 24.347,
194.482

94, 6.827, 16.864

87, 30.649,
193.911

95, 7.294, 13.701

86, 36.089,
193.369

95, 7.346, 10.360

86, 40.563,
192.851

95, 7.423, 7.078

85, 44.008,
192.351

95, 7.525, 3.875

85, 46.418,
191.859

95, 7.649, 0.767

84, 47.856,
191.364

95, 7.796, 357.769

95, 7.964, 354.891

 84, 48.477,
190.957

Harmonies

Complementary

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



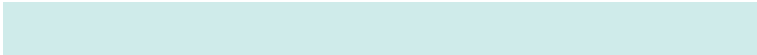
91, 9.683, 195.738



85, 10.399, 17.255

Rectangle

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



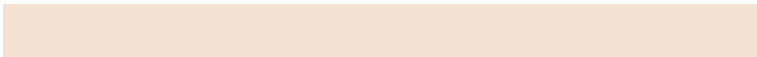
91, 9.683, 195.738



91, 9.683, 245.738



91, 9.683, 15.738



91, 9.683, 65.738

Sweetspot

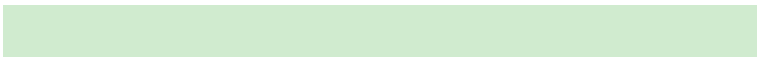
The Sweet Spot groups the original color and five complimentary colors.



91, 9.684, 195.728



99, 3.535, 196.352



90, 17.479, 142.441



53, 2.509, 196.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 9.684, 195.728



98, 12.090, 195.585



88, 8.353, 251.378



48, 4.638, 195.899



67, 39.876, 191.044



19, 16.998, 191.806

Inverse Universe

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



85, 10.399, 17.255



90, 13.158, 17.450



88, 8.687, 68.399



46, 4.905, 17.037



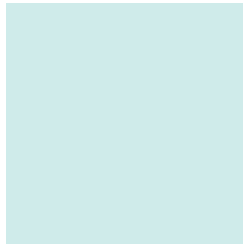
38, 79.275, 38.529



7, 28.383, 21.262

Previews

White Background



This preview shows how the CIELCh color 91, 9.683, 195.738 looks on a white background.

Color Contrast Check

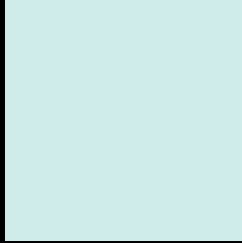
Large Text (above 18pt) WCAG AA × Fail

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 91, 9.683, 195.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

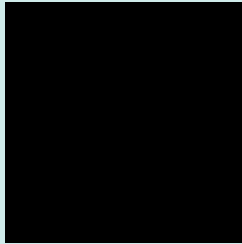
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

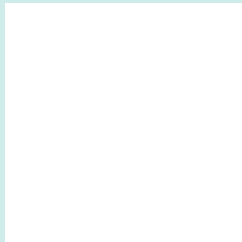
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.683, 195.738

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.683, 195.738.

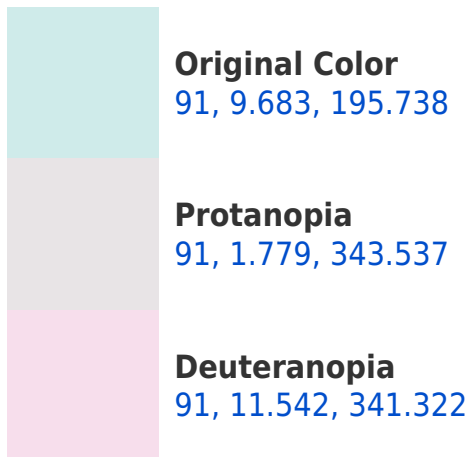


This preview shows how white text looks on a background with the CIELCh color 91, 9.683, 195.738.

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](#).

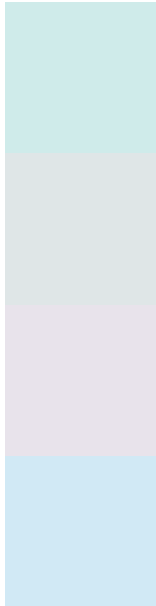
Dichromacy





Tritanopia
91, 12.141, 253.593

Trichromacy



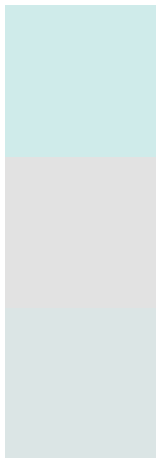
Original Color
91, 9.683, 195.738

Protanomaly
91, 2.515, 211.388

Deuteranomaly
91, 4.539, 313.413

Tritanomaly
91, 10.104, 237.153

Monochromacy



Original Color
91, 9.683, 195.738

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.525, 199.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.683, 195.738 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(207, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 234)  
}
```

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(207, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.683, 195.738 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(207, 235, 234) }
```

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

```
.border{ border-color:rgb(207, 235, 234) }
```

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

Here you see how a box with a 4 pixel rgb(207, 235, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.683, 195.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 234) }
```

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

```
.background{ background-color: rgb(207,  
235, 234) }
```

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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