

Converting Colors

CIELCh(91, 6.850, 194.777)

Have a look what the booklet for
CIELCh(91, 6.850, 194.777) contains.

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Color

CIELCh(91, 6.658, 194.571)

Conversions

Conversions Part 1

Format	Color
Hex	D6E9E8
RGB	214, 233, 232
RGB Percent	84%, 91%, 91%
CMY	0.1604, 0.0858, 0.0898
CMYK	0.08, 0.00, 0.00, 0.09
HSL	177°, 30%, 88%
HSV	177°, 8%, 91%
XYZ	71.5128, 78.4833, 87.8039
YIQ	227.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

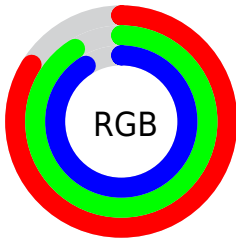
Format	Color
R_{YB}	214, 224, 233
Decimal	14084584
CIE _{Lab}	91.00, -6.44, -1.68
CIE _{LCh}	91, 6.658, 194.571
Yxy	78.4833, 0.3007, 0.3300
Android (android.graphics.Color)	4292274664 (0xFFD6E9E8)
YUV	227.2050, 2.3639, -11.5808
Hunter-Lab	88.5908, -10.9441, 3.2502

Details

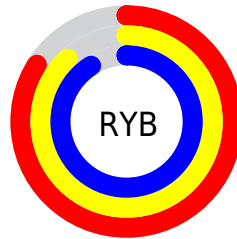
The CIELCh color **91, 6.658, 194.571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 6.977, 15.544**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.617, 194.182** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.468, 193.836**, and if you desaturate by 10%, it is **93, 1.541, 14.749**.

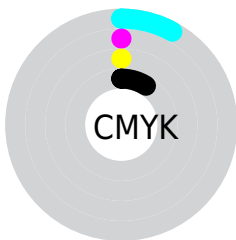
Distribution



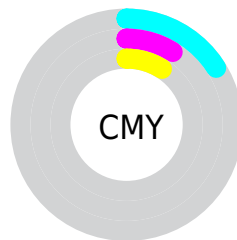
- Red (84%)
- Green (91%)
- Blue (91%)



- Red (84%)
- Yellow (88%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.658, 194.571 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, 6.658, 194.571 by changing the saturation by 10% instead.

91, 6.658, 194.571

91, 6.658, 194.571

100, 6.658,
194.571

81, 6.658, 194.571

71, 6.658, 194.571

61, 6.658, 194.571

51, 6.658, 194.571

41, 6.658, 194.571

31, 6.658, 194.571

21, 6.658, 194.571

11, 6.658, 194.571

1, 6.658, 194.571

91, 6.658, 194.571

91, 6.658, 194.571

89, 14.468,
193.836

93, 1.541, 14.749

88, 21.754,
193.165

94, 7.923, 14.470

87, 28.378,
192.515

94, 7.996, 9.969

86, 34.207,
191.880

94, 8.119, 5.577

85, 39.121,
191.253

94, 8.288, 1.341

85, 43.038,
190.627

94, 8.502, 357.299

84, 45.925,
189.990

94, 8.757, 353.476

84, 47.812,
189.328

94, 9.049, 349.888

94, 9.376, 346.540

■ 84, 48.839,
188.630

Harmonies

Complementary

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



91, 6.658, 194.571



87, 6.977, 15.544

Rectangle

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



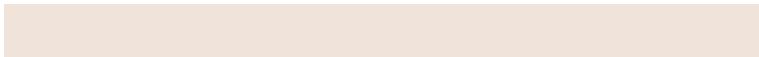
91, 6.658, 194.571



91, 6.658, 244.571



91, 6.658, 14.571



91, 6.658, 64.571

Sweetspot

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



91, 6.659, 194.556



100, 1.777, 195.250



91, 11.787, 142.229



53, 1.011, 195.275



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, 6.659, 194.556



98, 8.748, 194.411



89, 5.643, 248.923



48, 4.651, 194.454



67, 40.508, 188.621



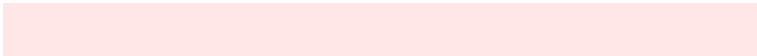
19, 17.220, 189.713

Inverse Universe

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



87, 6.977, 15.544



93, 9.267, 15.718



89, 5.798, 66.891



46, 4.910, 15.665



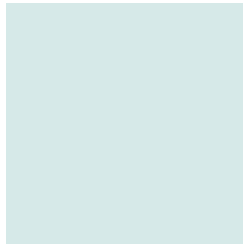
38, 78.606, 37.873



7, 28.317, 20.569

Previews

White Background



This preview shows how the CIE LCh color 91, 6.658, 194.571 looks on a white background.

Color Contrast Check

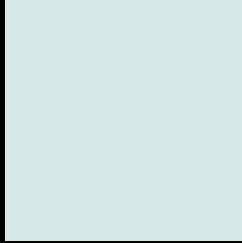
Large Text (above 18pt) WCAG AA × Fail

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, 6.658, 194.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

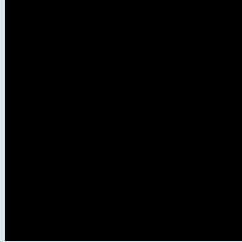
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

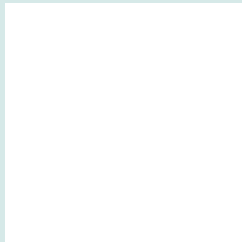
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.658, 194.571

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.658, 194.571.

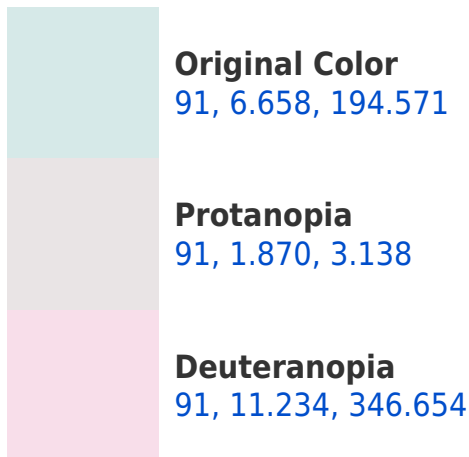


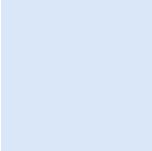
This preview shows how white text looks on a background with the CIELCh color 91, 6.658, 194.571.

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](#).

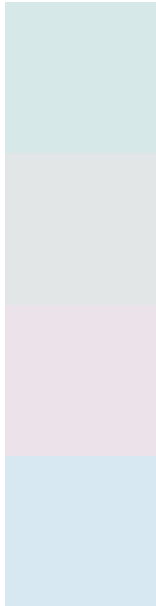
Dichromacy





Tritanopia
91, 10.368, 263.689

Trichromacy



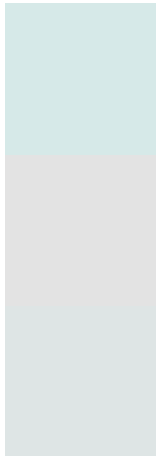
Original Color
91, 6.658, 194.571

Protanomaly
91, 1.416, 199.741

Deuteranomaly
91, 5.117, 334.499

Tritanomaly
91, 7.819, 246.142

Monochromacy



Original Color
91, 6.658, 194.571

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.474, 199.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.658, 194.571 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(214, 233, 232)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 232)  
}
```

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(214, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.658, 194.571 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(214, 233, 232) }
```

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

```
.border{ border-color:rgb(214, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.658, 194.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 232) }
```

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

```
.background{ background-color: rgb(214,  
233, 232) }
```

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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