

Converting Colors

CIELCh(92, 7.470, 178.341)

Have a look what the booklet for
CIELCh(92, 7.470, 178.341) contains.

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Color

CIELCh(92, 7.186, 177.900)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECE7
RGB	217, 236, 231
RGB Percent	85%, 93%, 91%
CMY	0.1481, 0.0735, 0.0932
CMYK	0.08, 0.00, 0.02, 0.07
HSL	164°, 34%, 89%
HSV	164°, 8%, 93%
XYZ	73.2117, 80.7044, 87.5011
YIQ	229.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

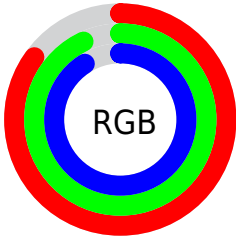
Format	Color
R_{YB}	217, 228, 236
Decimal	14281959
CIE _{Lab}	92.00, -7.18, 0.26
CIE _{LCh}	92, 7.186, 177.900
Y _{xy}	80.7044, 0.3033, 0.3343
Android (android.graphics.Color)	4292472039 (0xFFD9ECE7)
YUV	229.7490, 0.6167, -11.1809
Hunter-Lab	89.8356, -11.7435, 5.1357

Details

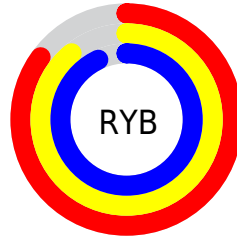
The CIELCh color **92, 7.186, 177.900** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 7.382, 359.244**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.210, 176.669** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.947, 176.876**, and if you desaturate by 10%, it is **94, 1.765, 358.411**.

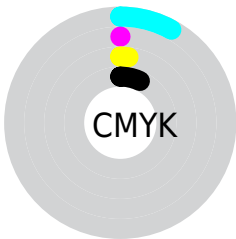
Distribution



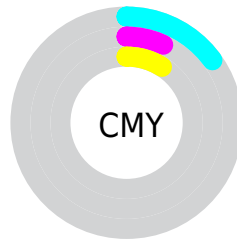
- Red (85%)
- Green (93%)
- Blue (91%)



- Red (85%)
- Yellow (89%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.186, 177.900 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 92, 7.186, 177.900 by changing the saturation by 10% instead.

■ 92, 7.186, 177.900

■ 92, 7.186, 177.900

■ 100, 7.186,
177.900

■ 82, 7.186, 177.900

■ 72, 7.186, 177.900

■ 62, 7.186, 177.900

■ 52, 7.186, 177.900

■ 42, 7.186, 177.900

■ 32, 7.186, 177.900

■ 22, 7.186, 177.900

■ 12, 7.186, 177.900

■ 2, 7.186, 177.900

92, 7.186, 177.900

92, 7.186, 177.900

90, 15.947,
176.876

94, 1.765, 358.411

89, 24.384,
175.823

95, 7.702, 350.222

88, 32.352,
174.691

95, 9.672, 333.612

95, 11.698,
324.822

86, 39.699,
173.457

85, 46.277,
172.096

85, 51.969,
170.584

84, 56.706,
168.896

84, 60.488,
167.014

■ 84, 63.436,
164.952

Harmonies

Complementary

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



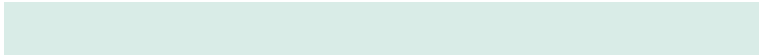
92, 7.186, 177.900



88, 7.382, 359.244

Rectangle

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



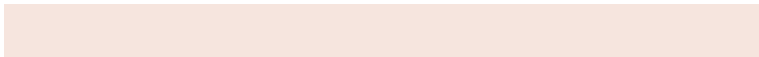
92, 7.186, 177.900



92, 7.186, 227.900



92, 7.186, 357.900



92, 7.186, 47.900

Sweetspot

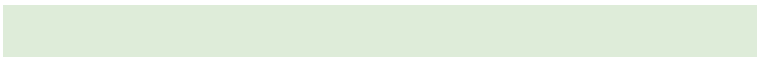
The Sweet Spot groups the original color and five complimentary colors.



92, 7.188, 177.890



100, 1.906, 178.679



92, 11.056, 136.447



53, 1.083, 178.704



0, 0.000, 0.000



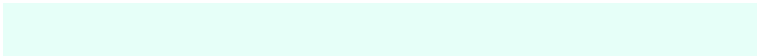
53, 0.007, 296.813

Same Dimension

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



92, 7.188, 177.890



98, 9.488, 177.686



91, 5.518, 223.868



48, 5.041, 177.744



66, 52.110, 164.937



19, 21.242, 168.437

Inverse Universe

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



88, 7.382, 359.244



93, 9.805, 359.462



89, 5.789, 43.022



46, 5.199, 359.399



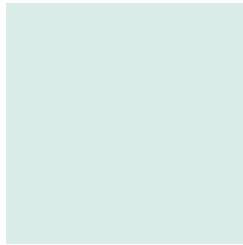
38, 69.076, 24.253



7, 27.817, 11.394

Previews

White Background



This preview shows how the CIELCh color 92, 7.186, 177.900 looks on a white background.

Color Contrast Check

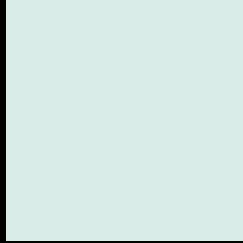
Large Text (above 18pt) WCAG AA × Fail

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 92, 7.186, 177.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

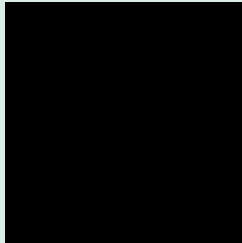
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

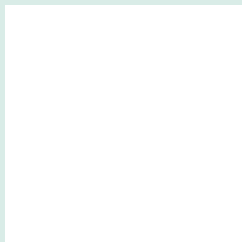
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.186, 177.900

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.186, 177.900.

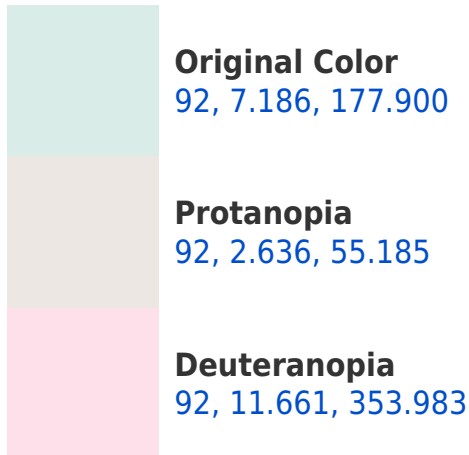


This preview shows how white text looks on a background with the CIELCh color 92, 7.186, 177.900.

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](#).

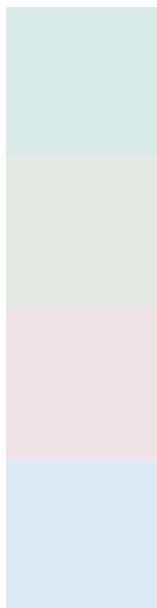
Dichromacy





Tritanopia
92, 10.551, 268.308

Trichromacy



Original Color
92, 7.186, 177.900

Protanomaly
92, 2.328, 137.316

Deuteranomaly
92, 5.031, 348.743

Tritanomaly
92, 6.988, 247.120

Monochromacy



Original Color
92, 7.186, 177.900

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.695, 176.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.186, 177.900 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(217, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 231)  
}
```

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(217, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.186, 177.900 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(217, 236, 231) }
```

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

```
.border{ border-color:rgb(217, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.186, 177.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 231) }
```

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

```
.background{ background-color: rgb(217,  
236, 231) }
```

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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