

Converting Colors

CIE LCh(91, 9.242, 145.271)

Have a look what the booklet for
CIELCh(91, 9.242, 145.271) contains.

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Color

CIELCh(91, 9.070, 145.938)

Conversions

Conversions Part 1

Format	Color
Hex	DAE9DB
RGB	218, 233, 219
RGB Percent	85%, 91%, 86%
CMY	0.1442, 0.0853, 0.1402
CMYK	0.06, 0.00, 0.06, 0.09
HSL	124°, 26%, 89%
HSV	124°, 6%, 91%
XYZ	71.0092, 78.4833, 78.5882
YIQ	226.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

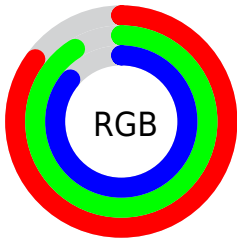
Format	Color
R_{YB}	218, 232, 233
Decimal	14346715
CIE Lab	91.00, -7.51, 5.08
CIE LCh	91, 9.070, 145.938
Yxy	78.4833, 0.3113, 0.3441
Android (android.graphics.Color)	4292536795 (0xFFDAE9DB)
YUV	226.9190, -3.9041, -7.8220
Hunter-Lab	88.5908, -11.9588, 9.4179

Details

The CIELCh color **91, 9.070, 145.938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 9.094, 326.615**, 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, 8.892, 145.986** is the 20% darker color. If you saturate the color by 10%, you get **89, 23.315, 145.241**, and if you desaturate by 10%, it is **93, 4.999, 326.417**.

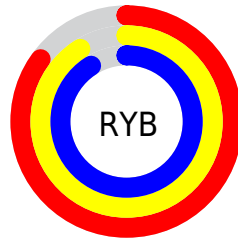
Distribution



Red (85%)

Green (91%)

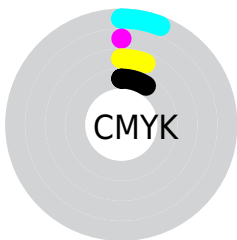
Blue (86%)



Red (85%)

Yellow (91%)

Blue (91%)

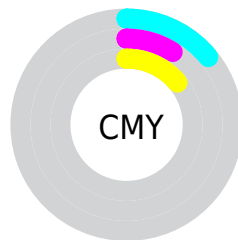


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (14%)

Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.070, 145.938 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, 9.070, 145.938 by changing the saturation by 10% instead.

91, 9.070, 145.938

91, 9.070, 145.938

100, 9.070,
145.938

81, 9.070, 145.938

71, 9.070, 145.938

61, 9.070, 145.938

51, 9.070, 145.938

41, 9.070, 145.938

31, 9.070, 145.938

21, 9.070, 145.938

11, 9.070, 145.938

1, 9.070, 145.938

91, 9.070, 145.938

91, 9.070, 145.938

89, 23.315,
145.241

93, 4.999, 326.417

87, 37.553,
144.444

95, 13.582,
324.891

86, 51.551,
143.518


84, 65.009,
142.458

83, 77.558,
141.272

82, 88.770,
139.999

82, 98.174,
138.719

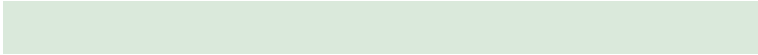
81, 105.297,
137.553

 81, 109.798,
136.645

Harmonies

Complementary

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



91, 9.070, 145.938



89, 9.094, 326.615

Rectangle

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



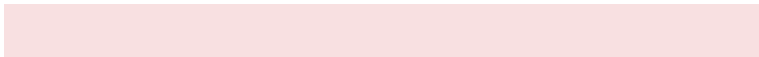
91, 9.070, 145.938



91, 9.070, 195.938



91, 9.070, 325.938



91, 9.070, 15.938

Sweetspot

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



91, 9.072, 145.938



100, 3.014, 146.279



92, 7.734, 111.571



53, 1.713, 146.290



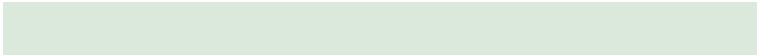
0, 0.000, 0.000



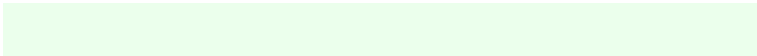
53, 0.007, 296.813

Same Dimension

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



91, 9.072, 145.938



98, 12.143, 145.830



91, 6.399, 165.957



48, 8.067, 145.733



64, 91.377, 136.572



18, 36.969, 139.448

Inverse Universe

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



89, 9.094, 326.615



95, 12.167, 326.714



88, 6.475, 346.920



46, 8.082, 326.799



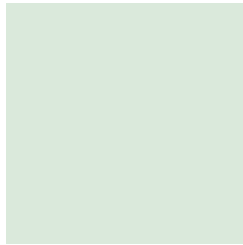
42, 84.819, 331.070



9, 36.600, 330.629

Previews

White Background



This preview shows how the CIELCh color 91, 9.070, 145.938 looks on a white background.

Color Contrast Check

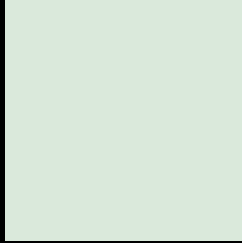
Large Text (above 18pt) WCAG AA × Fail

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 91, 9.070, 145.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

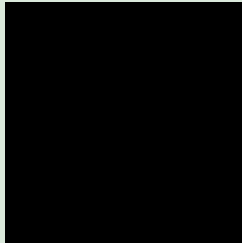
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

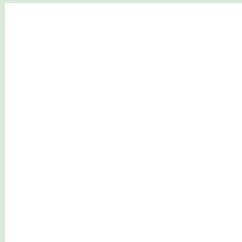
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.070, 145.938

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.070, 145.938.

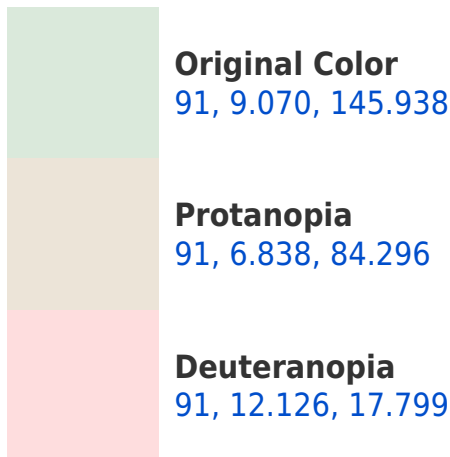


This preview shows how white text looks on a background with the CIELCh color 91, 9.070, 145.938.

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](#).

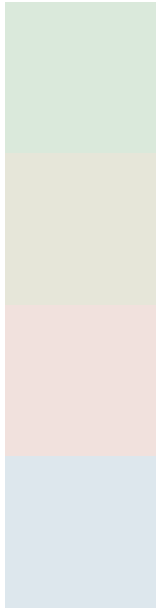
Dichromacy





Tritanopia
91, 9.521, 278.472

Trichromacy



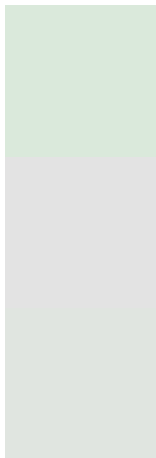
Original Color
91, 9.070, 145.938

Protanomaly
91, 6.710, 109.624

Deuteranomaly
91, 6.177, 39.217

Tritanomaly
91, 4.627, 241.646

Monochromacy



Original Color
91, 9.070, 145.938

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.158, 144.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.070, 145.938 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(218, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 219)  
}
```

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(218, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.070, 145.938 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(218, 233, 219) }
```

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

```
.border{ border-color:rgb(218, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.070, 145.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 219) }
```

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

```
.background{ background-color: rgb(218,  
233, 219) }
```

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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