

Converting Colors

CIELCh(91, 6.688, 138.350)

Have a look what the booklet for
CIELCh(91, 6.688, 138.350) contains.

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Color

CIELCh(91, 6.568, 139.172)

Conversions

Conversions Part 1

Format	Color
Hex	DFE8DD
RGB	223, 232, 221
RGB Percent	87%, 91%, 87%
CMY	0.1262, 0.0909, 0.1340
CMYK	0.04, 0.00, 0.05, 0.09
HSL	109°, 19%, 89%
HSV	109°, 5%, 91%
XYZ	72.2105, 78.4833, 79.6256
YIQ	228.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

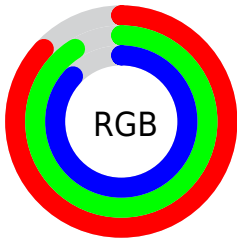
Format	Color
R_{YB}	221, 232, 230
Decimal	14674141
CIE Lab	91.00, -4.97, 4.29
CIE LCh	91, 6.568, 139.172
Yxy	78.4833, 0.3135, 0.3408
Android (android.graphics.Color)	4292864221 (0xFFDFE8DD)
YUV	228.0550, -3.4781, -4.4332
Hunter-Lab	88.5908, -9.5384, 8.7236

Details

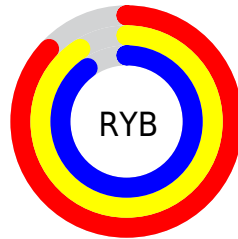
The CIELCh color **91, 6.568, 139.172** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 6.602, 319.531**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 6.258, 138.590** is the 20% darker color. If you saturate the color by 10%, you get **89, 20.540, 138.642**, and if you desaturate by 10%, it is **93, 7.240, 319.545**.

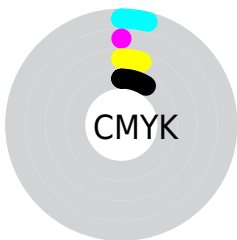
Distribution



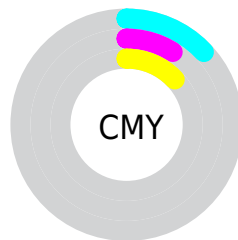
- Red (87%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.568, 139.172 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, 6.568, 139.172 by changing the saturation by 10% instead.

91, 6.568, 139.172

91, 6.568, 139.172

100, 6.568,
139.172

81, 6.568, 139.172

71, 6.568, 139.172

61, 6.568, 139.172

51, 6.568, 139.172

41, 6.568, 139.172

31, 6.568, 139.172

21, 6.568, 139.172

11, 6.568, 139.172

1, 6.568, 139.172

91, 6.568, 139.172

91, 6.568, 139.172

89, 20.540,
138.642

93, 7.240, 319.545

87, 34.541,
138.058

94, 14.473,
324.923

86, 48.394,
137.410

85, 61.854,
136.711

84, 74.591,
135.998

83, 86.163,
135.337

82, 96.016,
134.835

81, 103.543,
134.625

■ 81, 108.305,
134.807

Harmonies

Complementary

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



91, 6.568, 139.172



89, 6.602, 319.531

Rectangle

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



91, 6.568, 139.172



91, 6.568, 189.172



91, 6.568, 319.172



91, 6.568, 9.172

Sweetspot

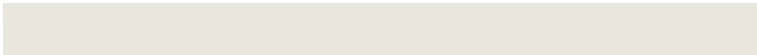
The Sweet Spot groups the original color and five complimentary colors.



91, 6.570, 139.174



100, 1.483, 139.483



91, 4.685, 100.823



53, 0.843, 139.494



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

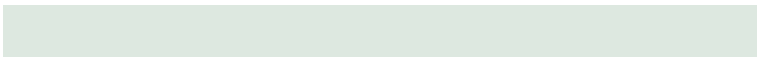
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 6.570, 139.174



99, 8.984, 139.105



91, 5.555, 154.706



48, 5.468, 139.075



64, 90.202, 134.838



18, 35.220, 135.693

Inverse Universe

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



89, 6.602, 319.531



96, 9.026, 319.597



89, 5.583, 335.226



46, 5.493, 319.626



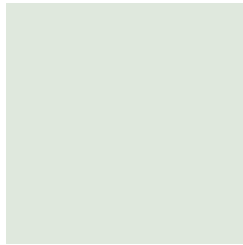
37, 89.874, 321.367



7, 37.144, 322.185

Previews

White Background



This preview shows how the CIELCh color 91, 6.568, 139.172 looks on a white background.

Color Contrast Check

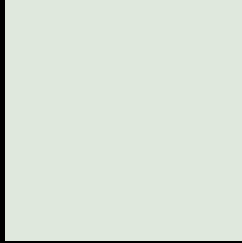
Large Text (above 18pt) WCAG AA × Fail

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, 6.568, 139.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

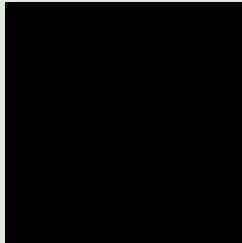
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

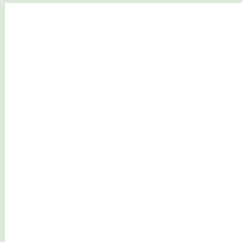
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.568, 139.172

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.568, 139.172.

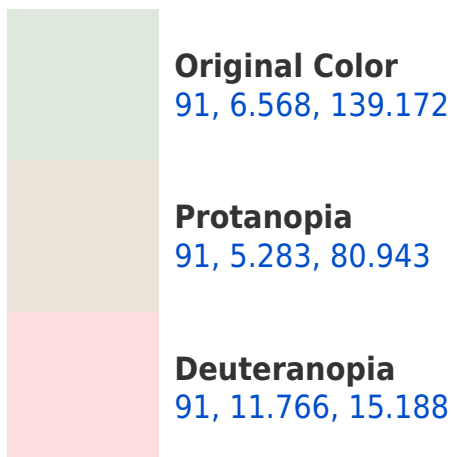



This preview shows how white text looks on a background with the CIELCh color 91, 6.568, 139.172.

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](#).

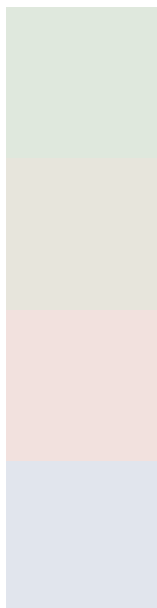
Dichromacy





Tritanopia
91, 9.342, 288.820

Trichromacy



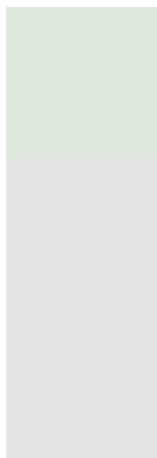
Original Color
91, 6.568, 139.172

Protanomaly
91, 4.695, 100.910

Deuteranomaly
91, 6.374, 33.782

Tritanomaly
91, 4.361, 271.830

Monochromacy



Original Color
91, 6.568, 139.172

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.336, 137.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.568, 139.172 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(223, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 221)  
}
```

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(223, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.568, 139.172 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(223, 232, 221) }
```

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

```
.border{ border-color:rgb(223, 232, 221) }
```

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

Here you see how a box with a 4 pixel rgb(223, 232, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.568, 139.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 221) }
```

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

```
.background{ background-color: rgb(223,  
232, 221) }
```

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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