

Converting Colors

CIELCh(91, 8.411, 136.328)

Have a look what the booklet for
CIELCh(91, 8.411, 136.328) contains.

CIELCh(91, 8.116, 135.953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 8.116, 135.953)

Conversions

Conversions Part 1

Format	Color
Hex	DEE8DA
RGB	222, 232, 218
RGB Percent	87%, 91%, 85%
CMY	0.1285, 0.0893, 0.1442
CMYK	0.04, 0.00, 0.06, 0.09
HSL	103°, 24%, 88%
HSV	103°, 6%, 91%
XYZ	71.8011, 78.4833, 77.8511
YIQ	227.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

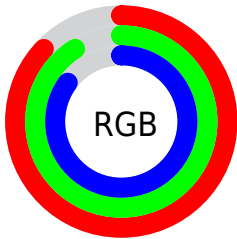
Format	Color
R _Y B	218, 232, 228
Decimal	14608602
CIE Lab	91.00, -5.83, 5.64
CIE LCh	91, 8.116, 135.953
Yxy	78.4833, 0.3147, 0.3440
Android (android.graphics.Color)	4292798682 (0xFFDEE8DA)
YUV	227.4140, -4.6411, -4.7481
Hunter-Lab	88.5908, -10.3631, 9.9112

Details

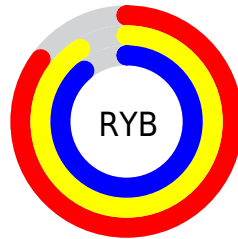
The CIELCh color **91, 8.116, 135.953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 8.170, 316.415**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 7.893, 135.202** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.678, 135.471**, and if you desaturate by 10%, it is **93, 5.327, 316.307**.

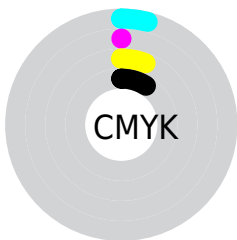
Distribution



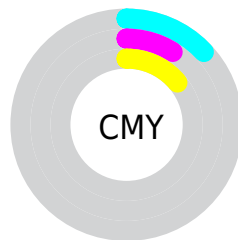
- Red (87%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (91%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.116, 135.953 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, 8.116, 135.953 by changing the saturation by 10% instead.

91, 8.116, 135.953

91, 8.116, 135.953

100, 8.116,
135.953

81, 8.116, 135.953

71, 8.116, 135.953

61, 8.116, 135.953

51, 8.116, 135.953

41, 8.116, 135.953

31, 8.116, 135.953

21, 8.116, 135.953

11, 8.116, 135.953

1, 8.116, 135.953

91, 8.116, 135.953

91, 8.116, 135.953

89, 21.678,
135.471

93, 5.327, 316.307

88, 35.239,
134.948

94, 14.215,
324.914

86, 48.640,
134.386

85, 61.658,
133.809

84, 73.985,
133.262

83, 85.197,
132.823

82, 94.752,
132.605

82, 102.062,
132.739

■ 81, 106.742,
133.313

Harmonies

Complementary

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



91, 8.116, 135.953



88, 8.170, 316.415

Rectangle

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



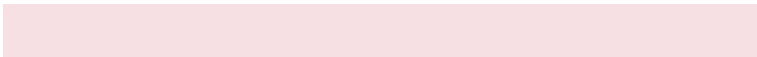
91, 8.116, 135.953



91, 8.116, 185.953



91, 8.116, 315.953



91, 8.116, 5.953

Sweetspot

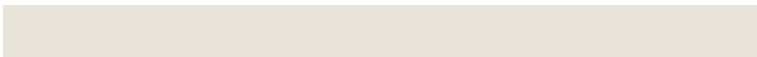
The Sweet Spot groups the original color and five complimentary colors.



91, 8.118, 135.956



100, 2.891, 136.181



91, 5.278, 92.919



53, 1.643, 136.189



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, 8.118, 135.956



99, 10.172, 135.908



91, 7.707, 150.188



49, 6.174, 135.882



65, 89.484, 133.389



19, 35.856, 133.303

Inverse Universe

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



88, 8.170, 316.415



95, 10.240, 316.461



89, 7.733, 330.858



46, 6.217, 316.486



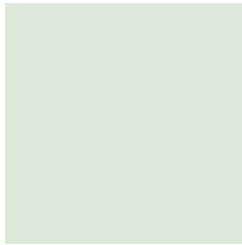
34, 92.347, 317.836



6, 38.527, 318.832

Previews

White Background



This preview shows how the CIELCh color 91, 8.116, 135.953 looks on a white background.

Color Contrast Check

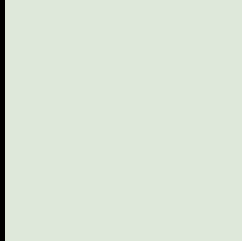
Large Text (above 18pt) WCAG AA × Fail

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, 8.116, 135.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

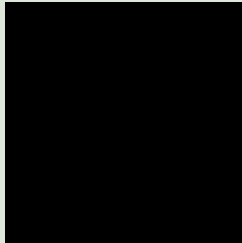
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

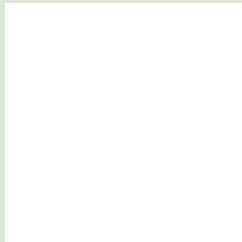
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.116, 135.953

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.116, 135.953.

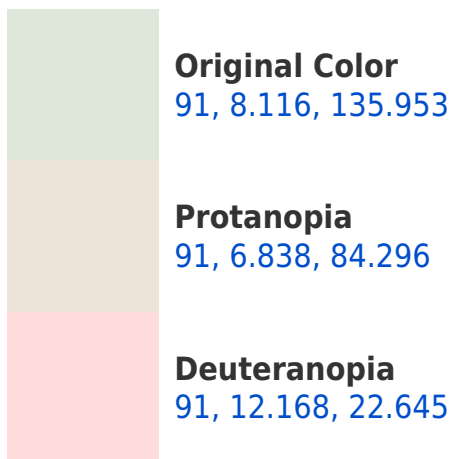



This preview shows how white text looks on a background with the CIELCh color 91, 8.116, 135.953.

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](#).

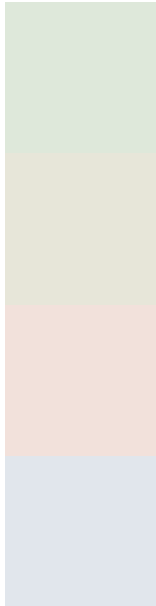
Dichromacy





Tritanopia
91, 9.342, 288.820

Trichromacy



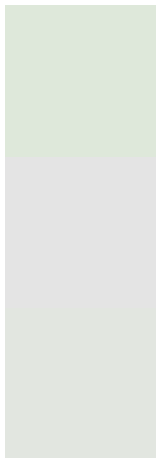
Original Color
91, 8.116, 135.953

Protanomaly
91, 6.716, 106.517

Deuteranomaly
91, 6.941, 46.200

Tritanomaly
91, 3.548, 260.881

Monochromacy



Original Color
91, 8.116, 135.953

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.426, 134.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.116, 135.953 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(222, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 218)  
}
```

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(222, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.116, 135.953 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(222, 232, 218) }
```

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

```
.border{ border-color:rgb(222, 232, 218) }
```

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

Here you see how a box with a 4 pixel rgb(222, 232, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 232,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.116, 135.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 218) }
```

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

```
.background{ background-color: rgb(222,  
232, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor