

Converting Colors

CIELCh(90, 8.838, 150.419)

Have a look what the booklet for
CIELCh(90, 8.838, 150.419) contains.

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Color

CIELCh(90, 9.136, 151.345)

Conversions

Conversions Part 1

Format	Color
Hex	D6E7DA
RGB	214, 231, 218
RGB Percent	84%, 91%, 85%
CMY	0.1618, 0.0952, 0.1461
CMYK	0.07, 0.00, 0.06, 0.10
HSL	134°, 26%, 87%
HSV	134°, 7%, 90%
XYZ	68.7730, 76.3034, 77.2487
YIQ	224.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

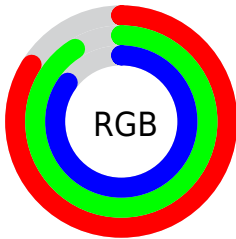
Format	Color
R _Y B	214, 228, 231
Decimal	14084058
CIE Lab	90.00, -8.02, 4.38
CIE LCh	90, 9.136, 151.345
Yxy	76.3034, 0.3093, 0.3432
Android (android.graphics.Color)	4292274138 (0xFFD6E7DA)
YUV	224.4350, -3.1725, -9.1515
Hunter-Lab	87.3518, -12.3308, 8.7137

Details

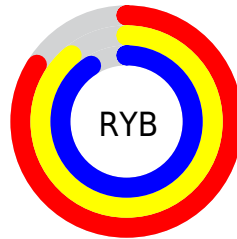
The CIELCh color **90, 9.136, 151.345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 9.172, 332.225**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 8.970, 151.765** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.646, 150.572**, and if you desaturate by 10%, it is **92, 3.253, 331.844**.

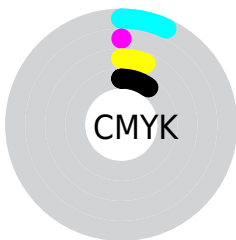
Distribution



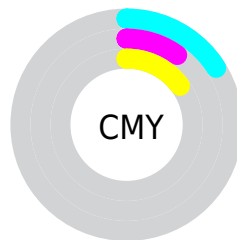
- Red (84%)
- Green (91%)
- Blue (85%)



- Red (84%)
- Yellow (89%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.136, 151.345 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 90, 9.136, 151.345 by changing the saturation by 10% instead.

90, 9.136, 151.345

90, 9.136, 151.345

100, 9.136,
151.345

80, 9.136, 151.345

70, 9.136, 151.345

60, 9.136, 151.345

50, 9.136, 151.345

40, 9.136, 151.345

30, 9.136, 151.345

20, 9.136, 151.345

10, 9.136, 151.345

0, 9.136, 151.345

90, 9.136, 151.345

90, 9.136, 151.345

88, 21.646,
150.572

92, 3.253, 331.844

86, 34.125,
149.700

94, 14.339,
327.242

85, 46.384,
148.693

94, 15.160,
324.948


84, 58.196,
147.530

82, 69.306,
146.197

82, 79.447,
144.691

81, 88.370,
143.033

81, 95.861,
141.275

 80,101.780,
139.521

Harmonies

Complementary

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



90, 9.136, 151.345



87, 9.172, 332.225

Rectangle

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



90, 9.136, 151.345



90, 9.136, 201.345



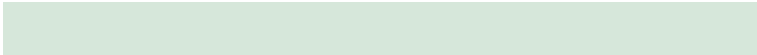
90, 9.136, 331.345



90, 9.136, 21.345

Sweetspot

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



90, 9.138, 151.343



100, 2.673, 151.807



91, 8.906, 118.807



53, 1.520, 151.821



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 9.138, 151.343



98, 12.120, 151.218



90, 6.473, 177.719



47, 7.024, 151.187



64, 84.482, 139.415



17, 32.515, 143.336

Inverse Universe

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



87, 9.172, 332.225



94, 12.165, 332.343



87, 6.632, 358.927



45, 7.050, 332.370



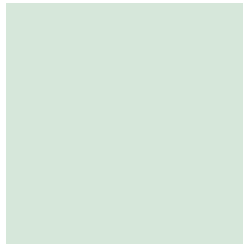
40, 73.832, 340.343



8, 31.791, 338.066

Previews

White Background



This preview shows how the CIELCh color 90, 9.136, 151.345 looks on a white background.

Color Contrast Check

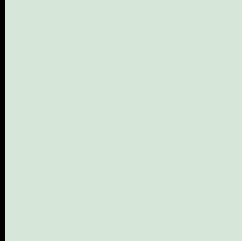
Large Text (above 18pt) WCAG AA × Fail

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 90, 9.136, 151.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

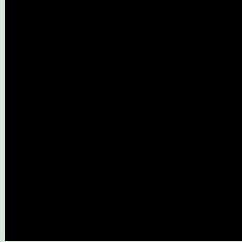
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

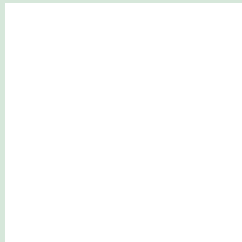
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.136, 151.345

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.136, 151.345.

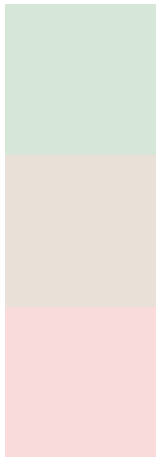


This preview shows how white text looks on a background with the CIELCh color 90, 9.136, 151.345.

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](#).

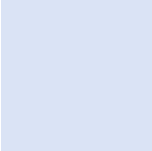
Dichromacy



Original Color
90, 9.136, 151.345

Protanopia
90, 5.930, 80.151

Deuteranopia
90, 11.399, 17.588



Tritanopia
90, 9.786, 272.622

Trichromacy



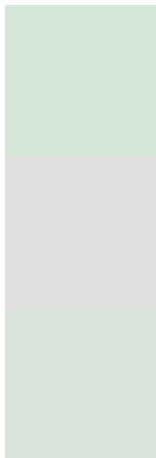
Original Color
90, 9.136, 151.345

Protanomaly
90, 5.707, 113.349

Deuteranomaly
90, 5.497, 41.746

Tritanomaly
90, 5.482, 240.949

Monochromacy



Original Color
90, 9.136, 151.345

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 3.000, 155.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.136, 151.345 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, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 231, 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(214, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 231, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.136, 151.345 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, 231, 218) }
```

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

```
.border{ border-color:rgb(214, 231, 218) }
```

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

Here you see how a box with a 4 pixel rgb(214, 231, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 231,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.136, 151.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 231, 218) }
```

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

```
.background{ background-color: rgb(214,  
231, 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](#).

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