

Converting Colors

CIELCh(91, 12.406, 159.881)

Have a look what the booklet for
CIELCh(91, 12.406, 159.881)
contains.

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Color

CIELCh(91, 12.406, 159.881)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECDD
RGB	209, 236, 221
RGB Percent	82%, 93%, 87%
CMY	0.1818, 0.0759, 0.1347
CMYK	0.11, 0.00, 0.06, 0.08
HSL	147°, 41%, 87%
HSV	147°, 11%, 92%
XYZ	69.0852, 78.4833, 79.6611
YIQ	226.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

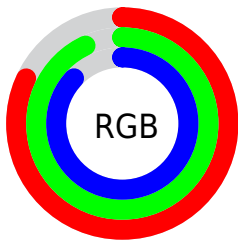
Format	Color
R_{YB}	209, 228, 236
Decimal	13757661
CIE _{Lab}	91.00, -11.65, 4.27
CIE _{LCh}	91, 12.406, 159.881
Yxy	78.4833, 0.3040, 0.3454
Android (android.graphics.Color)	4291947741 (0xFFD1ECDD)
YUV	226.2170, -2.5720, -15.0993
Hunter-Lab	88.5908, -15.8353, 8.6999

Details

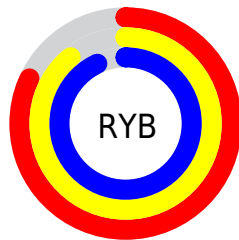
The CIELCh color **91, 12.406, 159.881** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 12.553, 341.659**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 12.413, 160.478** is the 20% darker color. If you saturate the color by 10%, you get **89, 23.230, 158.946**, and if you desaturate by 10%, it is **93, 1.566, 160.939**.

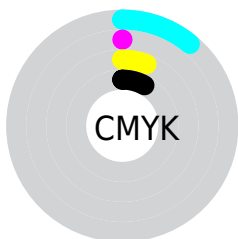
Distribution



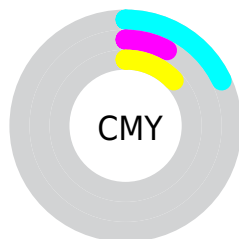
- Red (82%)
- Green (93%)
- Blue (87%)



- Red (82%)
- Yellow (89%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (18%)
- Magenta (8%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 12.406, 159.881 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, 12.406, 159.881 by changing the saturation by 10% instead.


 91, 12.406,
159.881


 91, 12.406,
159.881


 100, 12.406,
159.881


 81, 12.406,
159.881


 71, 12.406,
159.881

 61, 12.406,
159.881

 51, 12.406,
159.881

 41, 12.406,
159.881

 31, 12.406,
159.881

 21, 12.406,

159.881

■ 11, 12.406,
159.881

■ 1, 12.406, 159.881

■ 91, 12.406,
159.881

■ 91, 12.406,
159.881

■ 89, 23.230,
158.946

■ 93, 1.566, 160.939

■ 88, 33.887,
157.907

■ 95, 8.972, 340.231

■ 86, 44.210,
156.731

■ 95, 12.082,
324.836

■ 85, 54.010,
155.392

■ 84, 63.100,
153.865

■ 83, 71.313,
152.132

■ 83, 78.538,
150.186

■ 82, 84.743,
148.046

■ 82, 89.350,
146.144

Harmonies

Complementary

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



91, 12.406, 159.881



86, 12.553, 341.659

Rectangle

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



91, 12.406, 159.881



91, 12.406, 209.881



91, 12.406, 339.881



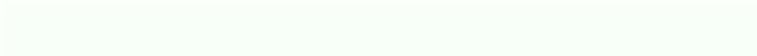
91, 12.406, 29.881

Sweetspot

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



91, 12.408, 159.878



99, 3.450, 160.673



92, 14.573, 126.168



53, 2.617, 160.581



0, 0.000, 0.000



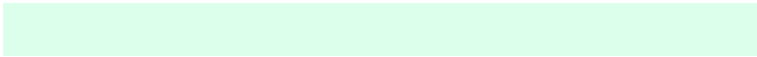
53, 0.007, 296.813

Same Dimension

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



91, 12.408, 159.878



97, 16.171, 159.643



91, 9.398, 193.128



48, 6.128, 160.056



65, 72.699, 146.557



19, 28.683, 150.505

Inverse Universe

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



86, 12.553, 341.659



91, 16.396, 341.888



86, 10.020, 14.736



46, 6.190, 341.485



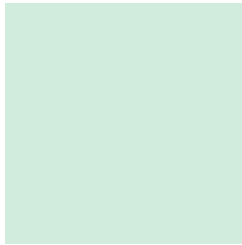
39, 66.442, 356.770



8, 29.218, 351.108

Previews

White Background



This preview shows how the CIELCh color 91, 12.406, 159.881 looks on a white background.

Color Contrast Check

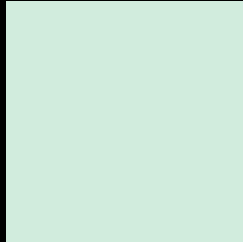
Large Text (above 18pt) WCAG AA × Fail

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, 12.406, 159.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

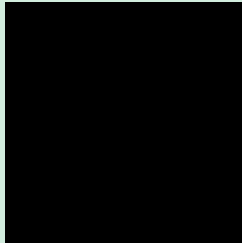
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

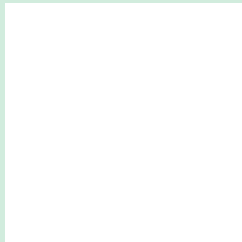
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.406, 159.881

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.406, 159.881.

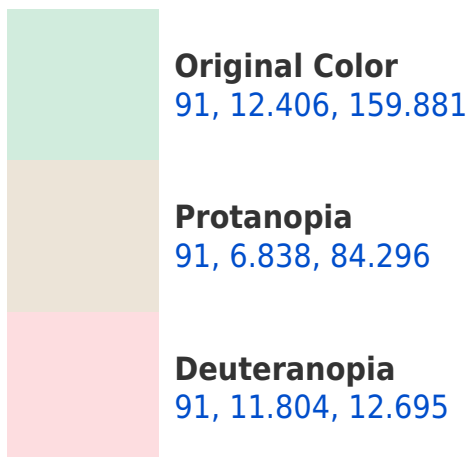


This preview shows how white text looks on a background with the CIELCh color 91, 12.406, 159.881.

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, 11.273, 260.409

Trichromacy



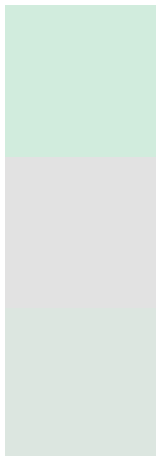
Original Color
91, 12.406, 159.881

Protanomaly
91, 6.968, 124.673

Deuteranomaly
91, 4.263, 40.845

Tritanomaly
91, 7.792, 222.625

Monochromacy



Original Color
91, 12.406, 159.881

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.755, 158.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.406, 159.881 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(209, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 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(209, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.406, 159.881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

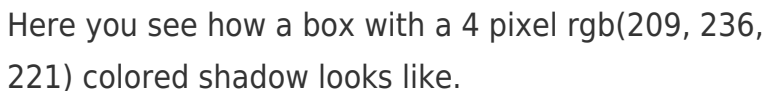
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 236, 221) }
```

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

```
.border{ border-color:rgb(209, 236, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 236, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 236, 221); box-shadow:4px 4px 4px 4px rgb(209, 236, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.406, 159.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 221) }
```

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

```
.background{ background-color: rgb(209,  
236, 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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