

Converting Colors

CIELCh(91, 35.486, 119.557)

Have a look what the booklet for
CIELCh(91, 35.486, 119.557)
contains.

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Color

CIELCh(91, 35.475, 119.294)

Conversions

Conversions Part 1

Format	Color
Hex	DAEDA9
RGB	218, 237, 169
RGB Percent	85%, 93%, 66%
CMY	0.1444, 0.0698, 0.3365
CMYK	0.08, 0.00, 0.29, 0.07
HSL	77°, 66%, 80%
HSV	77°, 29%, 93%
XYZ	66.4867, 78.4833, 49.2687
YIQ	223.5670, 10.5040, -25.1760

Conversions

Conversions Part 2

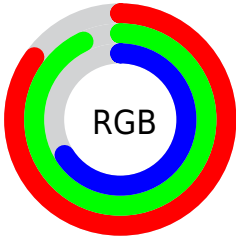
Format	Color
R _{YB}	169, 237, 188
Decimal	14347689
CIE _{Lab}	91.00, -17.36, 30.94
CIE _{LCh}	91, 35.475, 119.294
Y _{xy}	78.4833, 0.3423, 0.4041
Android (android.graphics.Color)	4292537769 (0xFFDAEDA9)
YUV	223.5670, -26.9015, -4.8823
Hunter-Lab	88.5908, -21.0710, 29.0402

Details

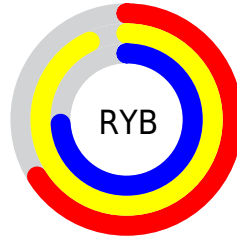
The CIELCh color **91, 35.475, 119.294** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 37.639, 303.056**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **71, 35.582, 119.429** is the 20% darker color. If you saturate the color by 10%, you get **90, 47.487, 118.705**, and if you desaturate by 10%, it is **92, 23.200, 119.908**.

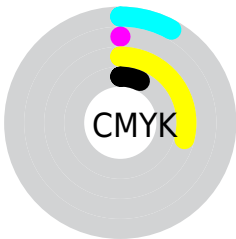
Distribution



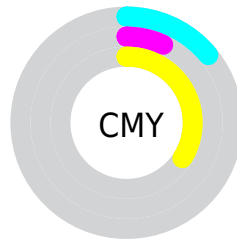
- Red (85%)
- Green (93%)
- Blue (66%)



- Red (66%)
- Yellow (93%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)





- Cyan (14%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 35.475, 119.294 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, 35.475, 119.294 by changing the saturation by 10% instead.


 91, 35.475,
119.294


 91, 35.475,
119.294


 100, 35.475,
119.294


 81, 35.475,
119.294


 71, 35.475,
119.294

 61, 35.475,
119.294

 51, 35.475,
119.294

 41, 35.475,
119.294

 31, 35.475,
119.294

 21, 35.475,

119.294

■ 11, 35.475,
119.294

■ 1, 35.475, 119.294

■ 91, 35.475,
119.294

■ 91, 35.475,
119.294

■ 90, 47.487,
118.705

■ 92, 23.200,
119.908

■ 89, 59.030,
118.171

■ 93, 10.790,
120.518

■ 89, 69.808,
117.749

■ 94, 1.662, 301.075

■ 88, 79.391,
117.518

■ 95, 9.560, 306.614

■ 95, 10.440,
318.912

■ 88, 87.232,
117.581

■ 96, 11.107,
324.800

■ 87, 92.792,
118.047

■ 87, 95.954,
118.957

■ 87, 96.297,
119.089

Harmonies

Complementary

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



91, 35.475, 119.294



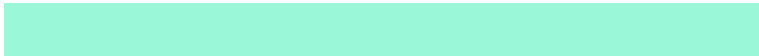
73, 37.639, 303.056

Rectangle

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



91, 35.475, 119.294



91, 35.475, 169.294



91, 35.475, 299.294



91, 35.475, 349.294

Sweetspot

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



91, 35.477, 119.297



99, 11.873, 120.496



80, 22.207, 46.188



53, 8.250, 120.408



0, 0.000, 0.000



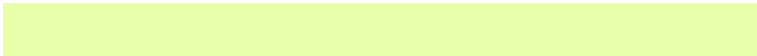
53, 0.007, 296.813

Same Dimension

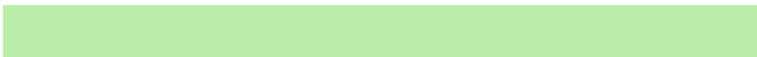
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 35.477, 119.297



97, 44.447, 118.969



89, 40.111, 136.348



50, 7.129, 120.469



69, 79.371, 118.863



21, 33.045, 117.963

Inverse Universe

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



73, 37.639, 303.056



74, 47.777, 303.529



76, 40.751, 319.059



46, 7.268, 301.611



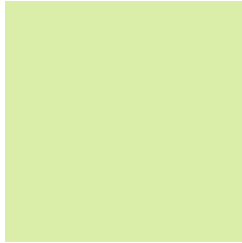
24, 101.806, 308.073



4, 38.697, 305.426

Previews

White Background



This preview shows how the CIELCh color 91, 35.475, 119.294 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, 35.475, 119.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

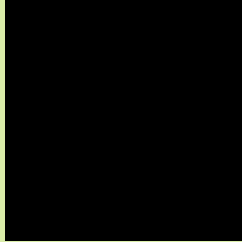
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 35.475, 119.294

Background



This preview shows how black text looks on a background with the CIELCh color 91, 35.475, 119.294.

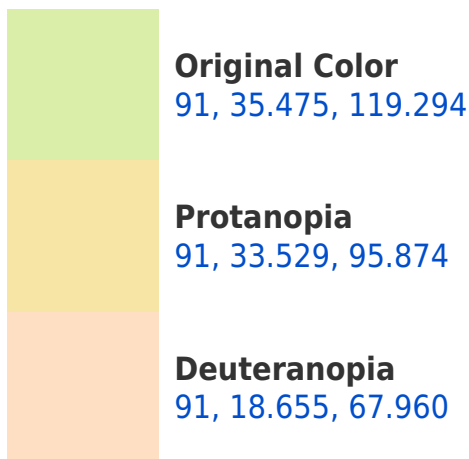



This preview shows how white text looks on a background with the CIELCh color 91, 35.475, 119.294.

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](#).

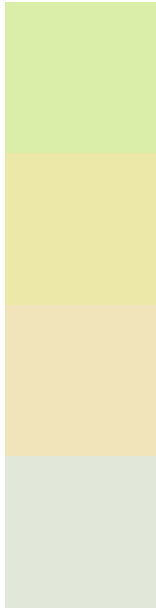
Dichromacy





Tritanopia
91, 9.384, 295.158

Trichromacy



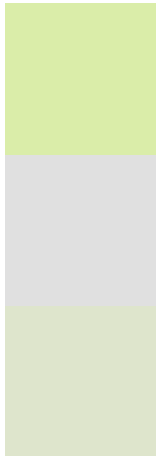
Original Color
91, 35.475, 119.294

Protanomaly
91, 33.284, 104.753

Deuteranomaly
91, 22.315, 94.414

Tritanomaly
91, 7.570, 126.263

Monochromacy



Original Color
91, 35.475, 119.294

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 13.200, 120.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 35.475, 119.294 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, 237, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 169)  
}
```

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, 237, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 35.475, 119.294 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, 237, 169) }
```

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

```
.border{ border-color:rgb(218, 237, 169) }
```

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

Here you see how a box with a 4 pixel rgb(218, 237, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 169);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 35.475, 119.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 169) }
```

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

```
.background{ background-color: rgb(218,  
237, 169) }
```

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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