

Converting Colors

CIELCh(91, 32.615, 122.257)

Have a look what the booklet for
CIELCh(91, 32.615, 122.257)
contains.

CIELCh(91, 32.238, 122.049)	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, 32.238, 122.049)

Conversions

Conversions Part 1

Format	Color
Hex	D8EDB0
RGB	216, 237, 176
RGB Percent	85%, 93%, 69%
CMY	0.1520, 0.0696, 0.3089
CMYK	0.09, 0.00, 0.26, 0.07
HSL	81°, 63%, 81%
HSV	81°, 26%, 93%
XYZ	66.5995, 78.4833, 52.8299
YIQ	223.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

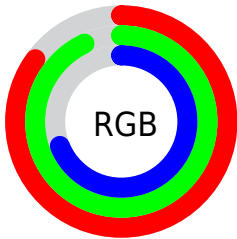
Format	Color
RYB	176, 237, 197
Decimal	14216624
CIELab	91.00, -17.11, 27.32
CIELCh	91, 32.238, 122.049
Yxy	78.4833, 0.3365, 0.3966
Android (android.graphics.Color)	4292406704 (0xFFD8EDB0)
YUV	223.7670, -23.5491, -6.8117
Hunter-Lab	88.5908, -20.8439, 26.6568

Details

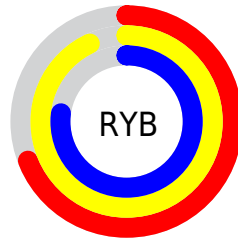
The CIELCh color **91, 32.238, 122.049** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 33.825, 305.035**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **71, 32.150, 121.752** is the 20% darker color. If you saturate the color by 10%, you get **90, 44.516, 121.503**, and if you desaturate by 10%, it is **92, 19.756, 122.610**.

Distribution



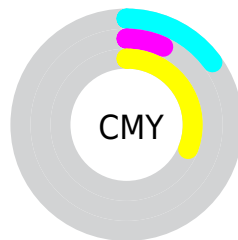
- Red (85%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 32.238, 122.049 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, 32.238, 122.049 by changing the saturation by 10% instead.

■ 91, 32.238,
122.049

■ 91, 32.238,
122.049

■ 100, 32.238,
122.049

■ 81, 32.238,
122.049

■ 71, 32.238,
122.049

■ 61, 32.238,
122.049

■ 51, 32.238,
122.049

■ 41, 32.238,
122.049

■ 31, 32.238,
122.049

■ 21, 32.238,

122.049

■ 11, 32.238,
122.049

■ 1, 32.238, 122.049

■ 91, 32.238,
122.049

■ 91, 32.238,
122.049

■ 90, 44.516,
121.503

■ 92, 19.756,
122.610

■ 89, 56.405,
120.997

■ 93, 7.184, 123.163

■ 88, 67.642,
120.584

■ 94, 5.392, 303.662

■ 88, 77.841,
120.342

■ 95, 10.036,
314.624

■ 96, 11.077,
324.799

■ 87, 86.488,
120.374

■ 87, 93.019,
120.799

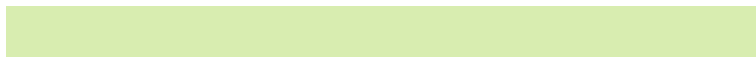
■ 86, 97.083,
121.710

■ 86, 98.304,
122.195

Harmonies

Complementary

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



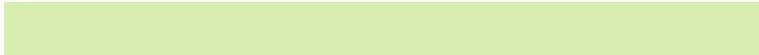
91, 32.238, 122.049



76, 33.825, 305.035

Rectangle

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



91, 32.238, 122.049



91, 32.238, 172.049



91, 32.238, 302.049



91, 32.238, 352.049

Sweetspot

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



91, 32.240, 122.051



99, 10.662, 123.036



82, 19.368, 53.723



53, 7.578, 122.952



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

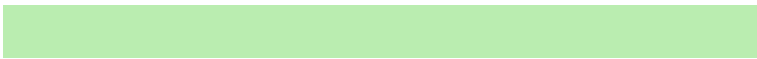
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 32.240, 122.051



96, 41.093, 121.752



89, 36.750, 138.415



50, 7.203, 122.956



68, 80.975, 121.943



21, 33.590, 120.910

Inverse Universe

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



76, 33.825, 305.035



77, 43.607, 305.429



78, 37.108, 320.972



46, 7.333, 303.976



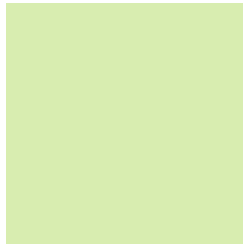
25, 100.655, 308.953



4, 38.972, 307.263

Previews

White Background



This preview shows how the CIELCh color 91, 32.238, 122.049 looks on a white background.

Color Contrast Check

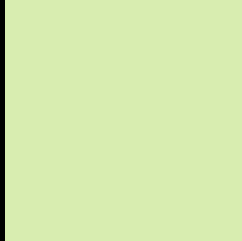
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 32.238, 122.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

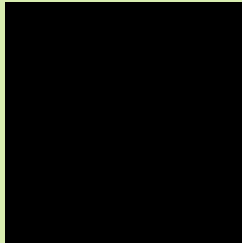
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

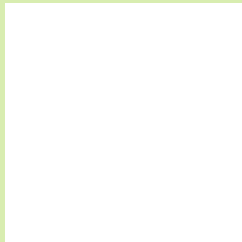
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 32.238, 122.049

Background



This preview shows how black text looks on a background with the CIELCh color 91, 32.238, 122.049.

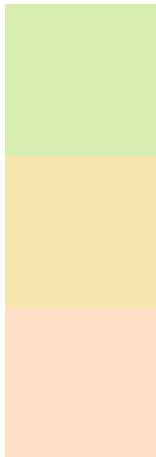


This preview shows how white text looks on a background with the CIELCh color 91, 32.238, 122.049.

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
91, 32.238, 122.049

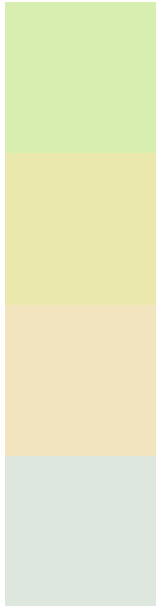
Protanopia
91, 29.964, 95.656

Deuteranopia
91, 17.859, 65.945



Tritanopia
91, 9.355, 286.715

Trichromacy



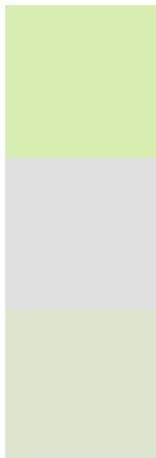
Original Color
91, 32.238, 122.049

Protanomaly
91, 29.742, 105.501

Deuteranomaly
91, 20.219, 94.322

Tritanomaly
91, 6.126, 141.541

Monochromacy



Original Color
91, 32.238, 122.049

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 11.776, 123.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 32.238, 122.049 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(216, 237, 176)` looks like.

```
.text, #text, p{  
    color:rgb(216, 237, 176)  
}
```

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(216, 237, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 237, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 32.238, 122.049 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(216, 237, 176) }
```

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

```
.border{ border-color:rgb(216, 237, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 237, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 237, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 237, 176);  
box-shadow:4px 4px 4px 4px rgb(216, 237,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 32.238, 122.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 237, 176) }
```

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

```
.background{ background-color: rgb(216,  
237, 176) }
```

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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