

Converting Colors

CIELCh(92, 28.186, 110.129)

Have a look what the booklet for
CIELCh(92, 28.186, 110.129)
contains.

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Color

CIELCh(92, 28.152, 110.256)

Conversions

Conversions Part 1

Format	Color
Hex	E9ECB5
RGB	233, 236, 181
RGB Percent	91%, 93%, 71%
CMY	0.0860, 0.0742, 0.2899
CMYK	0.01, 0.00, 0.23, 0.07
HSL	63°, 59%, 82%
HSV	63°, 23%, 93%
XYZ	71.9892, 80.7044, 55.5351
YIQ	228.8330, 15.8670, -17.7410

Conversions

Conversions Part 2

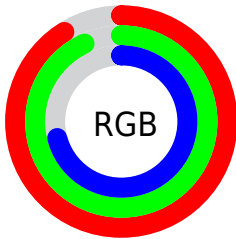
Format	Color
R_{YB}	181, 236, 184
Decimal	15330485
CIE _{Lab}	92.00, -9.75, 26.41
CIE _{LCh}	92, 28.152, 110.256
Yxy	80.7044, 0.3457, 0.3876
Android (android.graphics.Color)	4293520565 (0xFFE9ECB5)
YUV	228.8330, -23.5817, 3.6545
Hunter-Lab	89.8356, -14.1726, 26.2327

Details

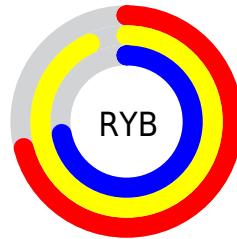
The CIELCh color **92, 28.152, 110.256** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 29.741, 294.790**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **72, 27.920, 109.941** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.964, 109.377**, and if you desaturate by 10%, it is **93, 16.132, 111.152**.

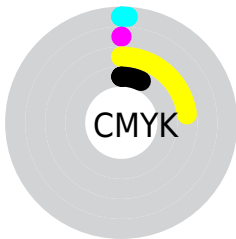
Distribution



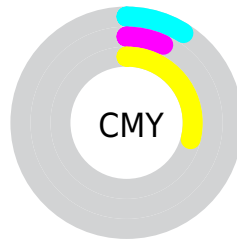
- Red (91%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)





- Cyan (9%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 28.152, 110.256 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 92, 28.152, 110.256 by changing the saturation by 10% instead.


 92, 28.152,
110.256


 92, 28.152,
110.256


 100, 28.152,
110.256


 82, 28.152,
110.256

 72, 28.152,
110.256

 62, 28.152,
110.256

 52, 28.152,
110.256

 42, 28.152,
110.256

 32, 28.152,
110.256

 22, 28.152,

110.256

■ 12, 28.152,
110.256

■ 2, 28.152, 110.256

■ 92, 28.152,
110.256

■ 92, 28.152,
110.256

■ 92, 39.964,
109.377

■ 93, 16.132,
111.152

■ 91, 51.400,
108.527

■ 93, 4.003, 112.028

■ 91, 62.216,
107.741

■ 94, 8.165, 292.911

■ 94, 9.795, 295.268

■ 90, 72.041,
107.061

■ 94, 9.844, 297.841

90, 80.366,
106.539

94, 9.912, 300.389

90, 86.609,
106.232

94, 10.000,
302.904

90, 90.332,
106.183

94, 10.106,
305.377

90, 91.634,
106.272

95, 10.230,
307.801

Harmonies

Complementary

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



92, 28.152, 110.256



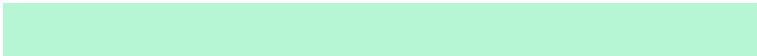
76, 29.741, 294.790

Rectangle

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



92, 28.152, 110.256



92, 28.152, 160.256



92, 28.152, 290.256



92, 28.152, 340.256

Sweetspot

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



92, 28.154, 110.260



100, 9.047, 111.706



79, 20.376, 25.110



53, 5.878, 111.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 28.154, 110.260



98, 35.913, 109.832



90, 30.515, 129.746



49, 6.861, 111.492



71, 75.109, 106.215



21, 30.676, 106.501

Inverse Universe

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



76, 29.741, 294.790



77, 38.433, 295.422



78, 31.398, 311.852



45, 7.015, 293.221



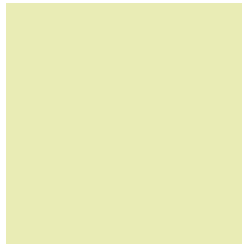
22, 103.196, 306.452



3, 35.849, 299.044

Previews

White Background



This preview shows how the CIELCh color 92, 28.152, 110.256 looks on a white background.

Color Contrast Check

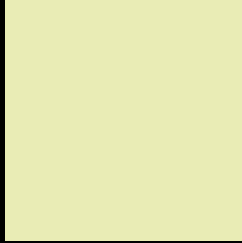
Large Text (above 18pt) WCAG AA × Fail

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 92, 28.152, 110.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

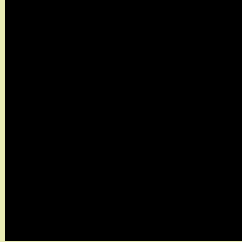
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

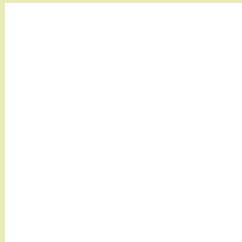
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 28.152, 110.256

Background



This preview shows how black text looks on a background with the CIELCh color 92, 28.152, 110.256.

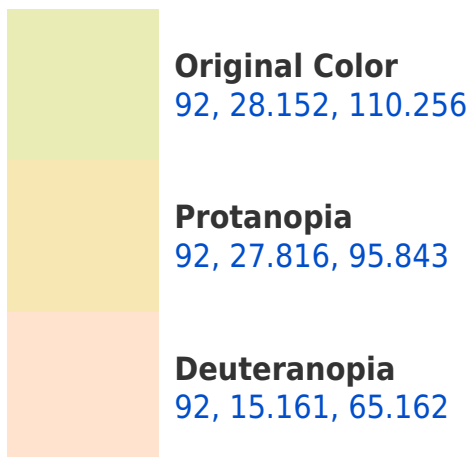


This preview shows how white text looks on a background with the CIELCh color 92, 28.152, 110.256.

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](#).

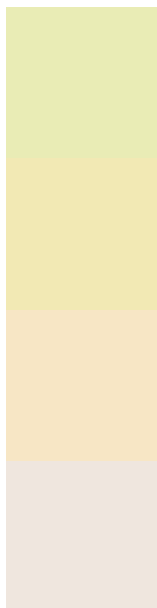
Dichromacy





Tritanopia
92, 10.758, 320.110

Trichromacy



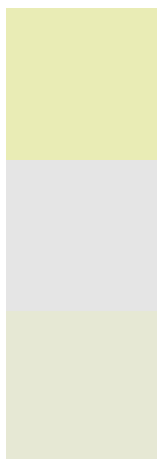
Original Color
92, 28.152, 110.256

Protanomaly
92, 27.387, 100.654

Deuteranomaly
92, 18.190, 87.985

Tritanomaly
92, 5.244, 71.243

Monochromacy



Original Color
92, 28.152, 110.256

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 10.341, 113.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 28.152, 110.256 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(233, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 181)  
}
```

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(233, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 28.152, 110.256 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(233, 236, 181) }
```

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

```
.border{ border-color:rgb(233, 236, 181) }
```

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

Here you see how a box with a 4 pixel rgb(233, 236, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 28.152, 110.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 181) }
```

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

```
.background{ background-color: rgb(233,  
236, 181) }
```

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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