

Converting Colors

CIELCh(92, 3.148, 159.903)

Have a look what the booklet for
CIELCh(92, 3.148, 159.903) contains.

CIELCh(92, 3.245, 159.897)	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(92, 3.245, 159.897)

Conversions

Conversions Part 1

Format	Color
Hex	E3EAE6
RGB	227, 234, 230
RGB Percent	89%, 92%, 90%
CMY	0.1107, 0.0833, 0.0990
CMYK	0.03, 0.00, 0.02, 0.08
HSL	146°, 14%, 90%
HSV	146°, 3%, 92%
XYZ	75.2106, 80.7044, 86.3038
YIQ	231.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

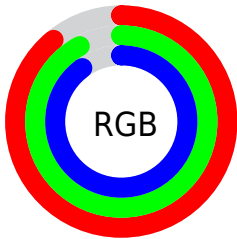
Format	Color
R_{YB}	227, 232, 234
Decimal	14936806
CIE Lab	92.00, -3.05, 1.12
CIE LCh	92, 3.245, 159.897
Yxy	80.7044, 0.3105, 0.3332
Android (android.graphics.Color)	4293126886 (0xFFE3EAE6)
YUV	231.4510, -0.7153, -3.9035
Hunter-Lab	89.8356, -7.7718, 5.9259

Details

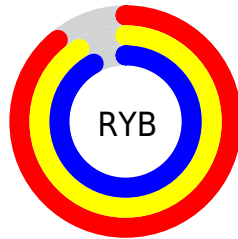
The CIELCh color **92, 3.245, 159.897** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 3.271, 340.082**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.783, 163.513** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.156, 158.964**, and if you desaturate by 10%, it is **94, 7.575, 340.433**.

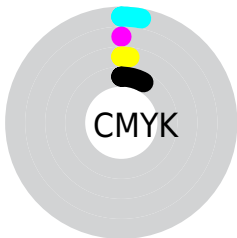
Distribution



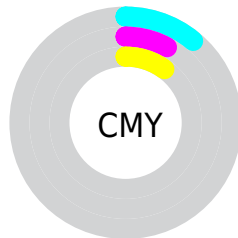
- Red (89%)
- Green (92%)
- Blue (90%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.245, 159.897 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, 3.245, 159.897 by changing the saturation by 10% instead.

92, 3.245, 159.897

92, 3.245, 159.897

100, 3.245,
159.897

82, 3.245, 159.897

72, 3.245, 159.897

62, 3.245, 159.897

52, 3.245, 159.897

42, 3.245, 159.897

32, 3.245, 159.897

22, 3.245, 159.897

12, 3.245, 159.897

2, 3.245, 159.897

92, 3.245, 159.897

92, 3.245, 159.897

90, 14.156,
158.964

94, 7.575, 340.433

88, 25.032,
158.029

95, 13.253,
324.879

87, 35.728,
156.980

85, 46.069,
155.789

84, 55.863,
154.429

83, 64.922,
152.879

83, 73.082,
151.121

82, 80.236,
149.154

■ 82, 86.361,
147.004

Harmonies

Complementary

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



92, 3.245, 159.897



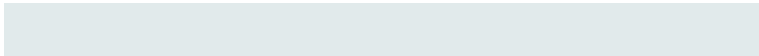
91, 3.271, 340.082

Rectangle

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



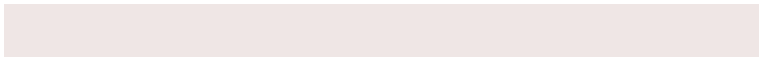
92, 3.245, 159.897



92, 3.245, 209.897



92, 3.245, 339.897



92, 3.245, 29.897

Sweetspot

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



92, 3.247, 159.886



100, 1.157, 160.302



92, 3.761, 125.991



53, 0.657, 160.326



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

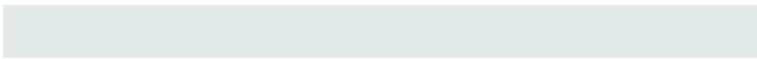
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.247, 159.886



99, 4.658, 159.772



92, 2.490, 192.528



49, 3.093, 159.701



65, 73.799, 145.859



19, 29.102, 149.787

Inverse Universe

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



91, 3.271, 340.082



97, 4.690, 340.195



91, 2.534, 12.501



48, 3.115, 340.265



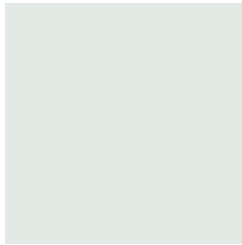
39, 66.817, 355.328



8, 29.423, 349.972

Previews

White Background



This preview shows how the CIELCh color 92, 3.245, 159.897 looks on a white background.

Color Contrast Check

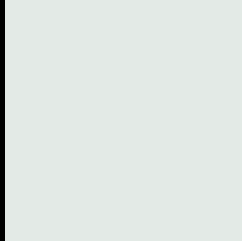
Large Text (above 18pt) WCAG AA × Fail

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, 3.245, 159.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

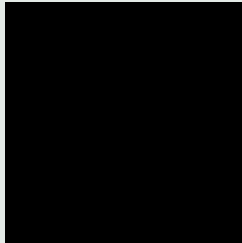
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

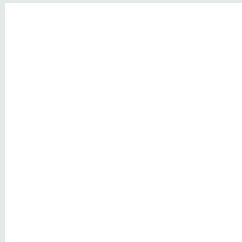
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.245, 159.897

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.245, 159.897.

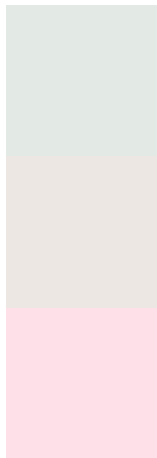


This preview shows how white text looks on a background with the CIELCh color 92, 3.245, 159.897.

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


92, 3.245, 159.897

Protanopia

92, 2.636, 55.185

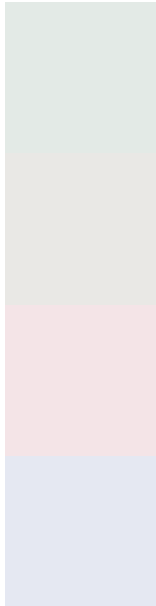
Deuteranopia

92, 11.608, 359.421



Tritanopia
92, 9.319, 288.810

Trichromacy



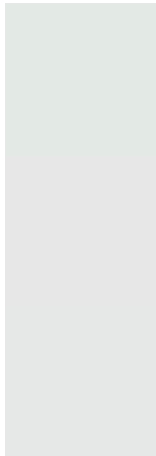
Original Color
92, 3.245, 159.897

Protanomaly
92, 1.575, 96.899

Deuteranomaly
92, 5.968, 4.711

Tritanomaly
92, 5.265, 279.171

Monochromacy



Original Color
92, 3.245, 159.897

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.184, 174.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.245, 159.897 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(227, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 230)  
}
```

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(227, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.245, 159.897 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(227, 234, 230) }
```

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

```
.border{ border-color:rgb(227, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.245, 159.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 230) }
```

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

```
.background{ background-color: rgb(227,  
234, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor