

Converting Colors

CIELCh(92, 3.748, 163.475)

Have a look what the booklet for
CIELCh(92, 3.748, 163.475) contains.

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Color

CIELCh(92, 3.526, 163.500)

Conversions

Conversions Part 1

Format	Color
Hex	E2EAE6
RGB	226, 234, 230
RGB Percent	89%, 92%, 90%
CMY	0.1138, 0.0824, 0.0981
CMYK	0.03, 0.00, 0.02, 0.08
HSL	150°, 16%, 90%
HSV	150°, 3%, 92%
XYZ	75.0480, 80.7044, 86.4632
YIQ	231.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

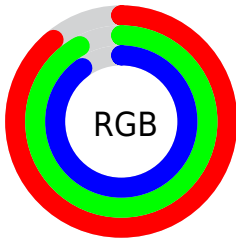
Format	Color
R_{YB}	226, 231, 234
Decimal	14871270
CIE Lab	92.00, -3.38, 1.00
CIE LCh	92, 3.526, 163.500
Yxy	80.7044, 0.3098, 0.3332
Android (android.graphics.Color)	4293061350 (0xFFE2EAE6)
YUV	231.1520, -0.5679, -4.5183
Hunter-Lab	89.8356, -8.0949, 5.8207

Details

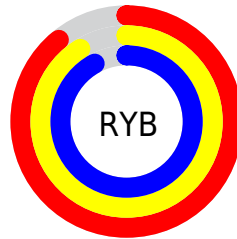
The CIELCh color **92, 3.526, 163.500** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 3.557, 343.790**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.092, 167.482** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.876, 162.520**, and if you desaturate by 10%, it is **94, 6.779, 344.080**.

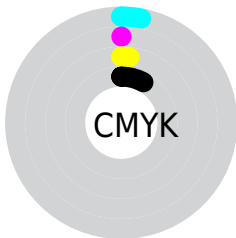
Distribution



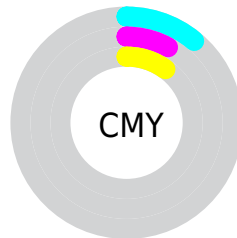
- Red (89%)
- Green (92%)
- Blue (90%)



- 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, 3.526, 163.500 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, 3.526, 163.500 by changing the saturation by 10% instead.

■ 92, 3.526, 163.500

■ 92, 3.526, 163.500

■ 100, 3.526,
163.500

■ 82, 3.526, 163.500

■ 72, 3.526, 163.500

■ 62, 3.526, 163.500

■ 52, 3.526, 163.500

■ 42, 3.526, 163.500

■ 32, 3.526, 163.500

■ 22, 3.526, 163.500

■ 12, 3.526, 163.500

■ 2, 3.526, 163.500

92, 3.526, 163.500

92, 3.526, 163.500

90, 13.876,
162.520

94, 6.779, 344.080

88, 24.146,
161.538

95, 12.451,
327.033

87, 34.194,
160.447

95, 13.124,
324.874

86, 43.854,
159.219

85, 52.946,
157.827

84, 61.299,
156.248

83, 68.774,
154.460

82, 75.288,
152.456

 82, 80.850,
150.252

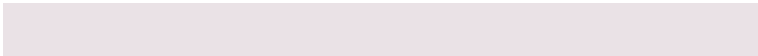
Harmonies

Complementary

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



92, 3.526, 163.500



91, 3.557, 343.790

Rectangle

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



92, 3.526, 163.500



92, 3.526, 213.500



92, 3.526, 343.500



92, 3.526, 33.500

Sweetspot

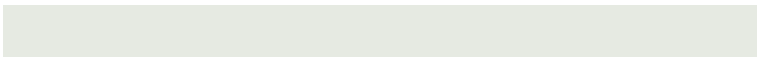
The Sweet Spot groups the original color and five complimentary colors.



92, 3.528, 163.487



100, 1.099, 163.999



92, 4.360, 128.362



53, 0.625, 164.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

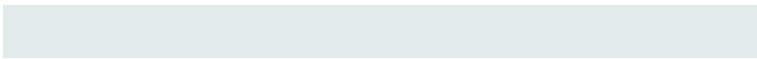
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.528, 163.487



99, 4.426, 163.418



92, 2.818, 198.032



49, 2.938, 163.342



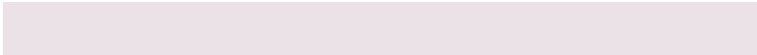
65, 68.823, 149.169



19, 27.231, 153.157

Inverse Universe

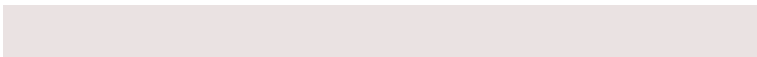
The Inverse Universe completely reimagines the original color for something new.



91, 3.557, 343.790



97, 4.462, 343.859



90, 2.879, 18.024



48, 2.964, 343.935



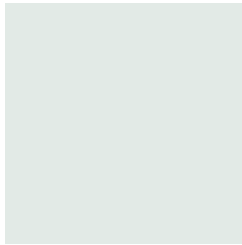
39, 65.543, 1.908



8, 28.610, 355.194

Previews

White Background



This preview shows how the CIELCh color 92, 3.526, 163.500 looks on a white background.

Color Contrast Check

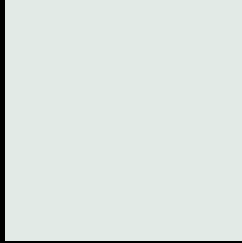
Large Text (above 18pt) WCAG AA × Fail

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, 3.526, 163.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

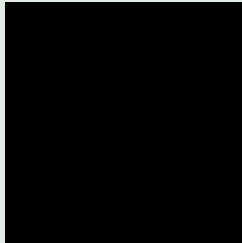
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

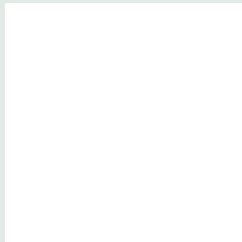
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.526, 163.500

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.526, 163.500.

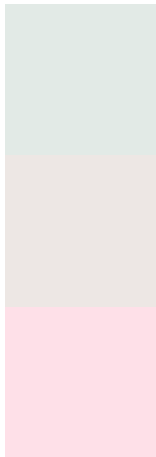


This preview shows how white text looks on a background with the CIELCh color 92, 3.526, 163.500.

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, 3.526, 163.500

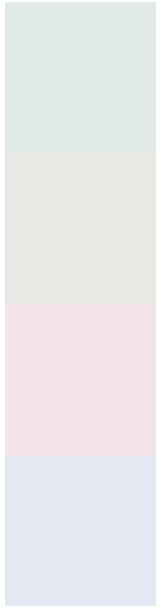
Protanopia
92, 2.636, 55.185

Deuteranopia
92, 11.608, 359.421



Tritanopia
92, 9.332, 286.705

Trichromacy



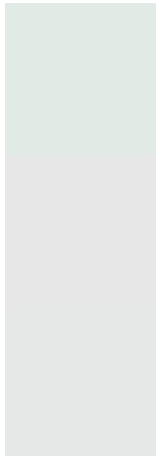
Original Color
92, 3.526, 163.500

Protanomaly
92, 1.575, 96.899

Deuteranomaly
92, 5.968, 4.711

Tritanomaly
92, 5.338, 275.511

Monochromacy



Original Color
92, 3.526, 163.500

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, 3.526, 163.500 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(226, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.526, 163.500 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(226, 234, 230) }
```

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

```
.border{ border-color:rgb(226, 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(226, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.526, 163.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 230) }
```

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

```
.background{ background-color: rgb(226,  
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](#).

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