

Converting Colors

CIELCh(92, 1.711, 9.548)

Have a look what the booklet for
CIELCh(92, 1.711, 9.548) contains.

CIELCh(92, 1.865, 3.132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 1.865, 3.132)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7E8
RGB	236, 231, 232
RGB Percent	93%, 91%, 91%
CMY	0.0750, 0.0946, 0.0907
CMYK	0.00, 0.02, 0.02, 0.08
HSL	348°, 12%, 92%
HSV	348°, 2%, 92%
XYZ	77.6314, 80.7044, 87.7292
YIQ	232.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

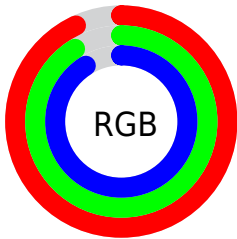
Format	Color
R _Y B	236, 231, 232
Decimal	15525864
CIE Lab	92.00, 1.86, 0.10
CIE LCh	92, 1.865, 3.132
Yxy	80.7044, 0.3155, 0.3280
Android (android.graphics.Color)	4293715944 (0xFFECE7E8)
YUV	232.6090, -0.3002, 2.9739
Hunter-Lab	89.8356, -2.9618, 4.9852

Details

The CIELCh color **92, 1.865, 3.132** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **93, 1.840, 183.425**, 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, 1.964, 3.257** is the 20% darker color. If you saturate the color by 10%, you get **86, 10.934, 4.413**, and if you desaturate by 10%, it is **98, 6.722, 182.736**.

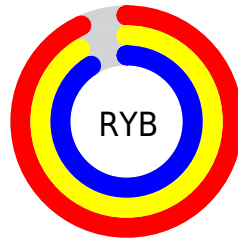
Distribution



Red (93%)

Green (91%)

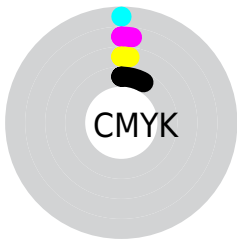
Blue (91%)



Red (93%)

Yellow (91%)

Blue (91%)

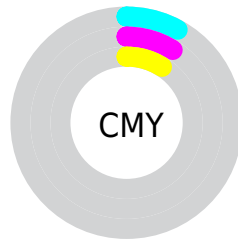


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.865, 3.132 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, 1.865, 3.132 by changing the saturation by 10% instead.

92, 1.865, 3.132

92, 1.865, 3.132

100, 1.865, 3.132

82, 1.865, 3.132

72, 1.865, 3.132

62, 1.865, 3.132

52, 1.865, 3.132

42, 1.865, 3.132

32, 1.865, 3.132

22, 1.865, 3.132

12, 1.865, 3.132

2, 1.865, 3.132

92, 1.865, 3.132

92, 1.865, 3.132

86, 10.934, 4.413

98, 6.722, 182.736

80, 20.468, 5.590

99, 6.560, 199.091

74, 30.387, 6.987

68, 40.532, 8.693

63, 50.643, 10.821

58, 60.359, 13.512

55, 69.276, 16.925

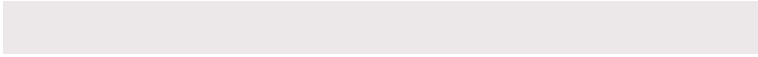
52, 77.085, 21.178

50, 83.718, 26.230

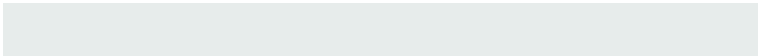
Harmonies

Complementary

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



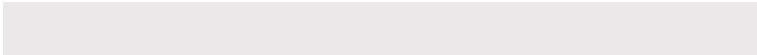
92, 1.865, 3.132



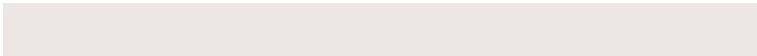
93, 1.840, 183.425

Rectangle

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



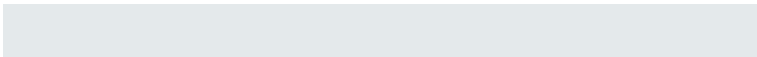
92, 1.865, 3.132



92, 1.865, 53.132



92, 1.865, 183.132



92, 1.865, 233.132

Sweetspot

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



92, 1.863, 3.180



99, 0.937, 2.736



92, 2.969, 318.826



53, 0.533, 2.698



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

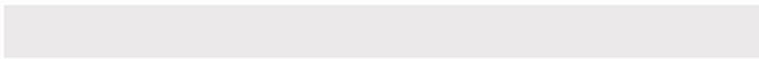
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 1.863, 3.180



98, 2.817, 3.354



92, 1.456, 51.026



48, 1.997, 3.469



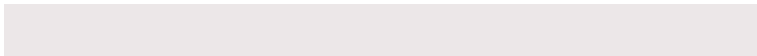
38, 71.836, 29.413



7, 27.908, 14.471

Inverse Universe

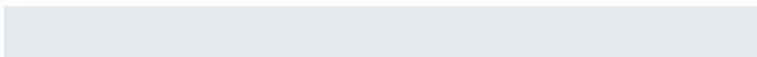
The Inverse Universe completely reimagines the original color for something new.



92, 1.863, 3.180



98, 2.817, 3.354



93, 1.449, 232.096



48, 1.997, 3.469



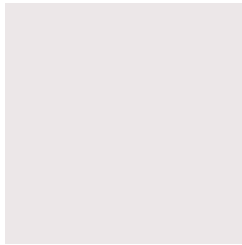
38, 71.836, 29.413



7, 27.908, 14.471

Previews

White Background



This preview shows how the CIELCh color 92, 1.865, 3.132 looks on a white background.

Color Contrast Check

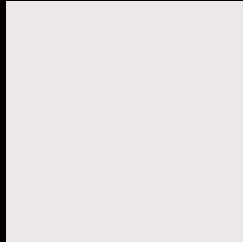
Large Text (above 18pt) WCAG AA × Fail

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, 1.865, 3.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

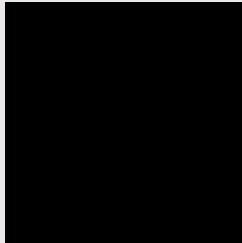
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

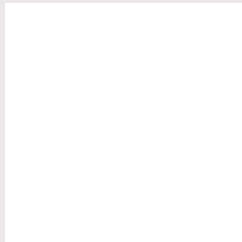
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.865, 3.132

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.865, 3.132.

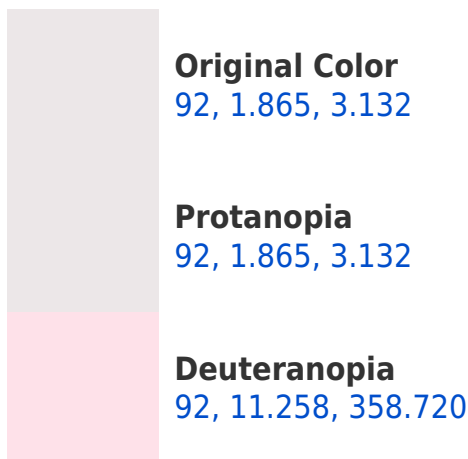


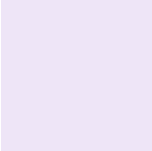
This preview shows how white text looks on a background with the CIELCh color 92, 1.865, 3.132.

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](#).

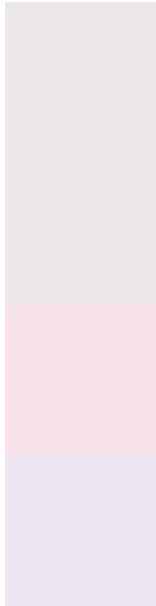
Dichromacy





Tritanopia
92, 9.876, 309.380

Trichromacy



Original Color

92, 1.865, 3.132

Protanomaly

92, 1.865, 3.132

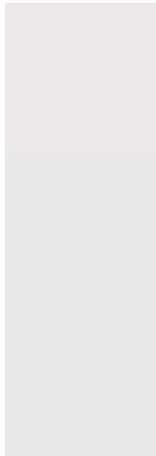
Deuteranomaly

92, 7.841, 356.659

Tritanomaly

92, 6.236, 313.844

Monochromacy



Original Color

92, 1.865, 3.132

Achromatopsia

92, 0.011, 296.813

Achromatomaly

92, 0.357, 17.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 1.865, 3.132 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(236, 231, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 232)  
}
```

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(236, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.865, 3.132 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(236, 231, 232) }
```

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

```
.border{ border-color:rgb(236, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.865, 3.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 232) }
```

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

```
.background{ background-color: rgb(236,  
231, 232) }
```

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