

Converting Colors

CIELCh(92, 8.137, 142.497)

Have a look what the booklet for
CIELCh(92, 8.137, 142.497) contains.

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Color

CIELCh(92, 8.007, 142.106)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBDE
RGB	223, 235, 222
RGB Percent	87%, 92%, 87%
CMY	0.1239, 0.0768, 0.1278
CMYK	0.05, 0.00, 0.06, 0.08
HSL	115°, 25%, 90%
HSV	115°, 6%, 92%
XYZ	73.6258, 80.7044, 81.0932
YIQ	229.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

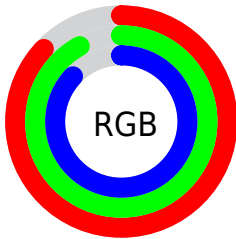
Format	Color
RYB	222, 235, 234
Decimal	14674910
CIELab	92.00, -6.32, 4.92
CIElCh	92, 8.007, 142.106
Yxy	80.7044, 0.3127, 0.3428
Android (android.graphics.Color)	4292864990 (0xFFDFEBDE)
YUV	229.9300, -3.9095, -6.0776
Hunter-Lab	89.8356, -10.9207, 9.3648

Details

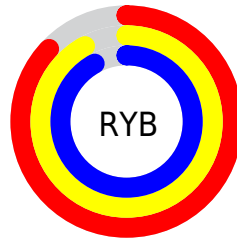
The CIELCh color **92, 8.007, 142.106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.036, 322.602**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.768, 141.867** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.647, 141.499**, and if you desaturate by 10%, it is **94, 6.448, 322.531**.

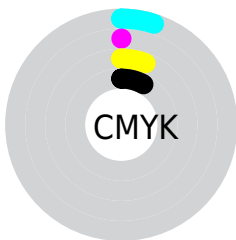
Distribution



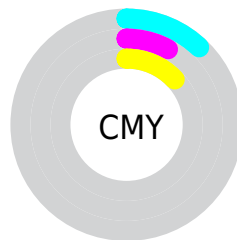
- Red (87%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.007, 142.106 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, 8.007, 142.106 by changing the saturation by 10% instead.

 92, 8.007, 142.106

 92, 8.007, 142.106

 100, 8.007,
142.106

 82, 8.007, 142.106

 72, 8.007, 142.106

 62, 8.007, 142.106

 52, 8.007, 142.106

 42, 8.007, 142.106

 32, 8.007, 142.106

 22, 8.007, 142.106

 12, 8.007, 142.106

 2, 8.007, 142.106

92, 8.007, 142.106

92, 8.007, 142.106

90, 22.647,
141.499

94, 6.448, 322.531

88, 37.303,
140.814

95, 12.218,
324.841

87, 51.755,
140.033


85, 65.702,
139.164

84, 78.754,
138.237

83, 90.414,
137.319

83, 100.089,
136.518

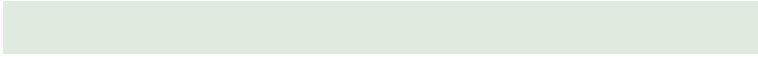
82, 107.165,
135.973

 82, 111.259,
135.791

Harmonies

Complementary

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



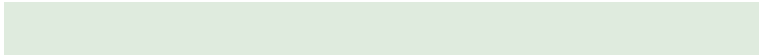
92, 8.007, 142.106



90, 8.036, 322.602

Rectangle

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



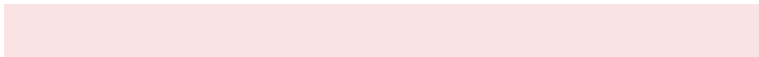
92, 8.007, 142.106



92, 8.007, 192.106



92, 8.007, 322.106



92, 8.007, 12.106

Sweetspot

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



92, 8.009, 142.107



100, 3.078, 142.352



93, 6.141, 106.013



53, 1.749, 142.362



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

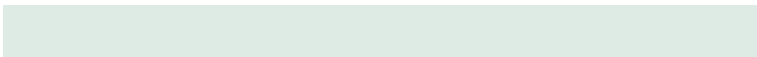
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 8.009, 142.107



98, 10.839, 142.017



92, 6.090, 159.066



48, 6.580, 141.985



64, 92.192, 135.679



18, 37.567, 137.012

Inverse Universe

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



90, 8.036, 322.602



96, 10.872, 322.685



90, 6.132, 339.772



47, 6.599, 322.714



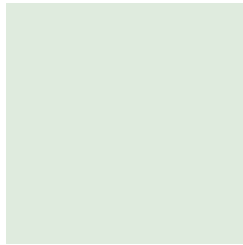
41, 89.779, 325.239



8, 38.411, 325.670

Previews

White Background



This preview shows how the CIELCh color 92, 8.007, 142.106 looks on a white background.

Color Contrast Check

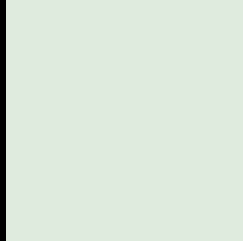
Large Text (above 18pt) WCAG AA × Fail

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, 8.007, 142.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

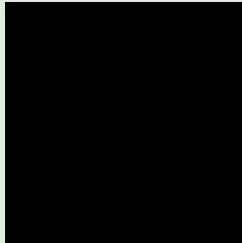
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

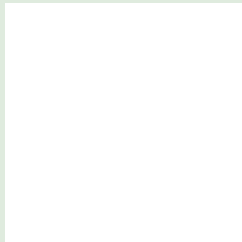
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.007, 142.106

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.007, 142.106.

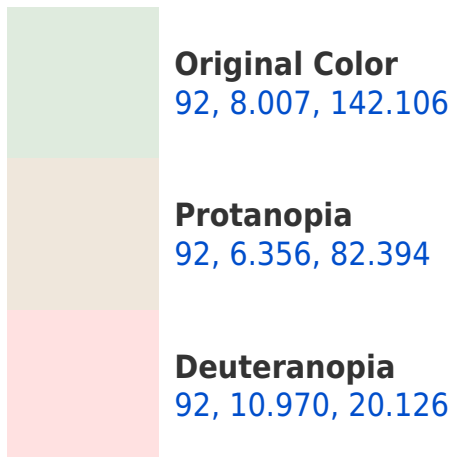



This preview shows how white text looks on a background with the CIELCh color 92, 8.007, 142.106.

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](#).

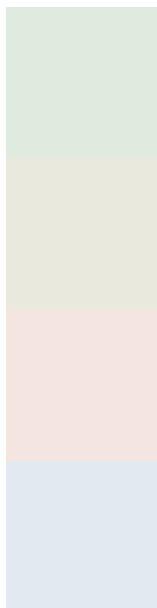
Dichromacy





Tritanopia
92, 9.872, 284.993

Trichromacy



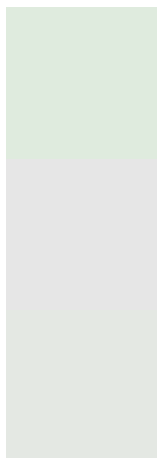
Original Color
92, 8.007, 142.106

Protanomaly
92, 6.178, 109.671

Deuteranomaly
92, 6.018, 44.963

Tritanomaly
92, 4.332, 256.256

Monochromacy



Original Color
92, 8.007, 142.106

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 2.959, 138.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.007, 142.106 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(223, 235, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 222)  
}
```

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(223, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.007, 142.106 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(223, 235, 222) }
```

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

```
.border{ border-color:rgb(223, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.007, 142.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 222) }
```

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

```
.background{ background-color: rgb(223,  
235, 222) }
```

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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