

Converting Colors

CIELCh(92, 6.818, 130.021)

Have a look what the booklet for
CIELCh(92, 6.818, 130.021) contains.

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Color

CIELCh(92, 6.569, 128.865)

Conversions

Conversions Part 1

Format	Color
Hex	E4EADE
RGB	228, 234, 222
RGB Percent	89%, 92%, 87%
CMY	0.1054, 0.0819, 0.1290
CMYK	0.03, 0.00, 0.05, 0.08
HSL	90°, 22%, 89%
HSV	90°, 5%, 92%
XYZ	74.6875, 80.7044, 80.8293
YIQ	230.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

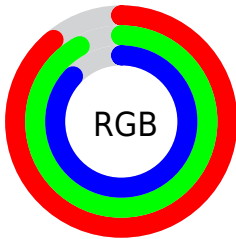
Format	Color
R _Y B	222, 234, 228
Decimal	15002334
CIE Lab	92.00, -4.12, 5.11
CIE LCh	92, 6.569, 128.865
Yxy	80.7044, 0.3162, 0.3416
Android (android.graphics.Color)	4293192414 (0xFFE4EADE)
YUV	230.8380, -4.3571, -2.4889
Hunter-Lab	89.8356, -8.8112, 9.5390

Details

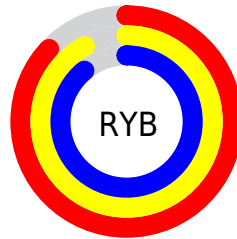
The CIELCh color **92, 6.569, 128.865** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 6.635, 309.281**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.278, 127.202** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.437, 128.398**, and if you desaturate by 10%, it is **93, 6.245, 309.258**.

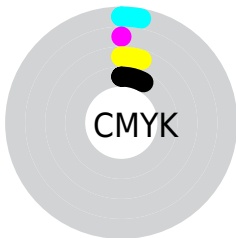
Distribution



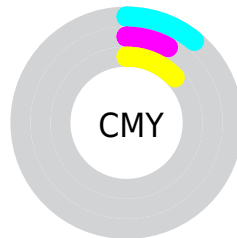
- Red (89%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.569, 128.865 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, 6.569, 128.865 by changing the saturation by 10% instead.

92, 6.569, 128.865

92, 6.569, 128.865

100, 6.569,
128.865

82, 6.569, 128.865

72, 6.569, 128.865

62, 6.569, 128.865

52, 6.569, 128.865

42, 6.569, 128.865

32, 6.569, 128.865

22, 6.569, 128.865

12, 6.569, 128.865

2, 6.569, 128.865

92, 6.569, 128.865

92, 6.569, 128.865

91, 19.437,
128.398

93, 6.245, 309.258

89, 32.264,
127.912

95, 12.396,
320.177

88, 44.927,
127.422

95, 13.033,
324.871

87, 57.244,
126.958

86, 68.953,
126.571

85, 79.677,
126.338

85, 88.914,
126.373

84, 96.103,
126.804

■ 84, 100.859,
127.732

Harmonies

Complementary

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



92, 6.569, 128.865



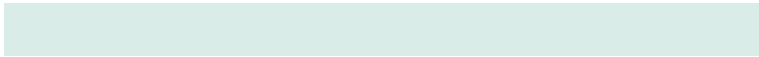
89, 6.635, 309.281

Rectangle

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



92, 6.569, 128.865



92, 6.569, 178.865



92, 6.569, 308.865



92, 6.569, 358.865

Sweetspot

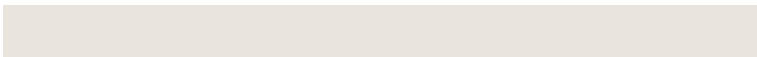
The Sweet Spot groups the original color and five complimentary colors.



92, 6.571, 128.872



100, 2.738, 129.040



91, 3.766, 74.687



53, 1.556, 129.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

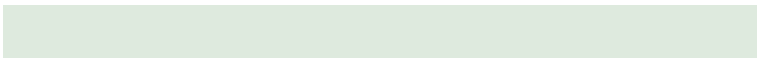
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 6.571, 128.872



99, 8.245, 128.828



92, 7.582, 144.187



49, 5.109, 128.800



66, 84.341, 128.027



19, 33.734, 127.263

Inverse Universe

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



89, 6.635, 309.281



96, 8.330, 309.325



90, 7.602, 324.686



47, 5.164, 309.354



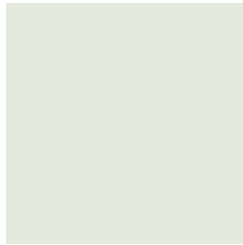
28, 96.472, 311.918



4, 37.679, 311.618

Previews

White Background



This preview shows how the CIELCh color 92, 6.569, 128.865 looks on a white background.

Color Contrast Check

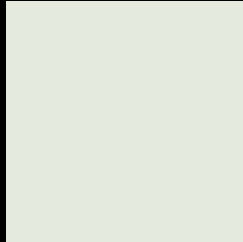
Large Text (above 18pt) WCAG AA × Fail

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, 6.569, 128.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

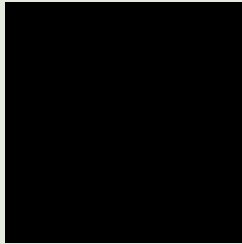
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

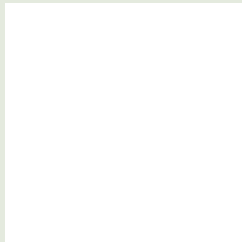
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.569, 128.865

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.569, 128.865.

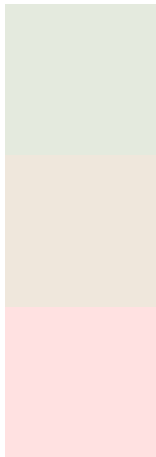


This preview shows how white text looks on a background with the CIELCh color 92, 6.569, 128.865.

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, 6.569, 128.865

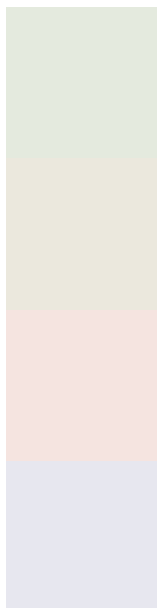
Protanopia
92, 6.356, 82.394

Deuteranopia
92, 10.970, 20.126



Tritanopia
92, 9.361, 295.151

Trichromacy



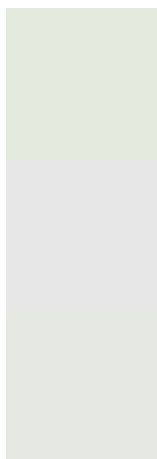
Original Color
92, 6.569, 128.865

Protanomaly
92, 5.759, 98.818

Deuteranomaly
92, 6.510, 38.156

Tritanomaly
92, 4.147, 290.525

Monochromacy



Original Color
92, 6.569, 128.865

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.184, 129.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.569, 128.865 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(228, 234, 222)` looks like.

```
.text, #text, p{  
    color:rgb(228, 234, 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(228, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 234, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.569, 128.865 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(228, 234, 222) }
```

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

```
.border{ border-color:rgb(228, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 234,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.569, 128.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 234, 222) }
```

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

```
.background{ background-color: rgb(228,  
234, 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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