

Converting Colors

CIELCh(92, 9.462, 120.514)

Have a look what the booklet for
CIELCh(92, 9.462, 120.514) contains.

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Color

CIELCh(92, 9.462, 120.514)

Conversions

Conversions Part 1

Format	Color
Hex	E5EAD8
RGB	229, 234, 216
RGB Percent	90%, 92%, 85%
CMY	0.1007, 0.0811, 0.1517
CMYK	0.02, 0.00, 0.08, 0.08
HSL	77°, 30%, 88%
HSV	77°, 8%, 92%
XYZ	74.3566, 80.7044, 76.8307
YIQ	230.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

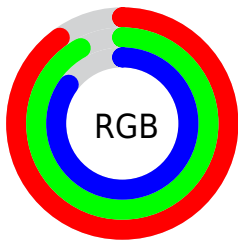
Format	Color
R _Y B	216, 234, 221
Decimal	15067864
CIE Lab	92.00, -4.80, 8.15
CIE LCh	92, 9.462, 120.514
Yxy	80.7044, 0.3207, 0.3480
Android (android.graphics.Color)	4293257944 (0xFFE5EAD8)
YUV	230.4530, -7.1253, -1.2743
Hunter-Lab	89.8356, -9.4686, 12.1780

Details

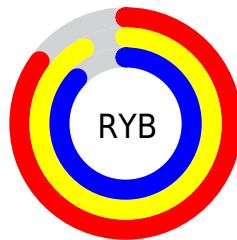
The CIELCh color **92, 9.462, 120.514** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 9.620, 301.438**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 9.352, 118.752** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.757, 119.911**, and if you desaturate by 10%, it is **93, 2.863, 301.088**.

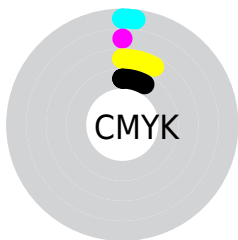
Distribution



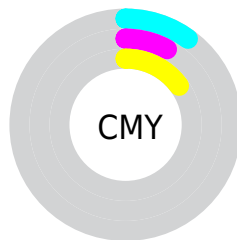
- Red (90%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (87%)



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



- Cyan (10%)
- Magenta (8%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.462, 120.514 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, 9.462, 120.514 by changing the saturation by 10% instead.

 92, 9.462, 120.514

 92, 9.462, 120.514

 100, 9.462,
120.514

 82, 9.462, 120.514

 72, 9.462, 120.514

 62, 9.462, 120.514

 52, 9.462, 120.514

 42, 9.462, 120.514

 32, 9.462, 120.514

 22, 9.462, 120.514

 12, 9.462, 120.514

 2, 9.462, 120.514

92, 9.462, 120.514

92, 9.462, 120.514

91, 21.757,
119.911

93, 2.863, 301.088

90, 33.927,
119.298

94, 11.060,
305.464

89, 45.850,
118.702

94, 11.843,
316.139

89, 57.334,
118.159

95, 12.911,
324.866

88, 68.096,
117.721

87, 77.726,
117.464

87, 85.690,
117.490

86, 91.445,
117.907

■ 86, 94.769,
118.776

Harmonies

Complementary

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



92, 9.462, 120.514



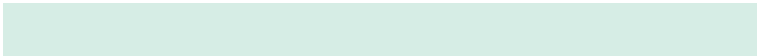
87, 9.620, 301.438

Rectangle

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



92, 9.462, 120.514



92, 9.462, 170.514



92, 9.462, 300.514



92, 9.462, 350.514

Sweetspot

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



92, 9.464, 120.521



100, 2.629, 120.871



89, 5.419, 46.950



53, 1.495, 120.878



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, 9.464, 120.521



99, 11.870, 120.439



91, 10.592, 137.484



49, 7.003, 120.413



68, 78.510, 118.775



20, 31.702, 118.101

Inverse Universe

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



87, 9.620, 301.438



93, 12.093, 301.527



88, 10.654, 318.116



45, 7.140, 301.555



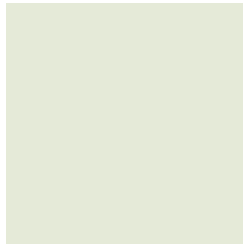
24, 100.766, 308.064



3, 36.550, 304.523

Previews

White Background



This preview shows how the CIELCh color 92, 9.462, 120.514 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, 9.462, 120.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

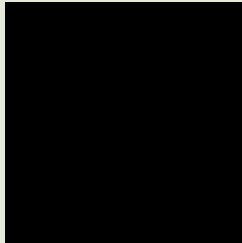
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

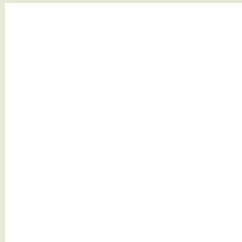
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.462, 120.514

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.462, 120.514.

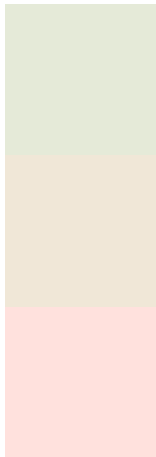


This preview shows how white text looks on a background with the CIELCh color 92, 9.462, 120.514.

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, 9.462, 120.514

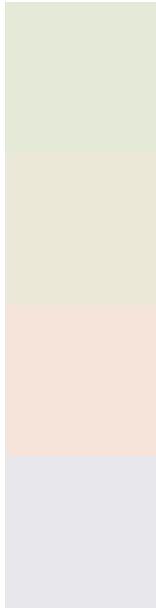
Protanopia
92, 8.868, 87.584

Deuteranopia
92, 11.236, 30.637



Tritanopia
92, 9.445, 299.338

Trichromacy



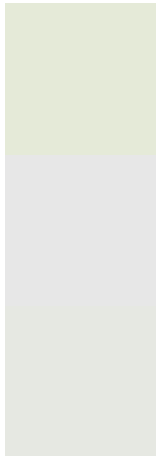
Original Color
92, 9.462, 120.514

Protanomaly
92, 8.869, 99.946

Deuteranomaly
92, 8.064, 54.760

Tritanomaly
92, 2.077, 290.377

Monochromacy



Original Color
92, 9.462, 120.514

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.179, 122.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.462, 120.514 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(229, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 216)  
}
```

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(229, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.462, 120.514 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(229, 234, 216) }
```

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

```
.border{ border-color:rgb(229, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 234,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.462, 120.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 216) }
```

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

```
.background{ background-color: rgb(229,  
234, 216) }
```

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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