

Converting Colors

CIELCh(92, 11.463, 121.385)

Have a look what the booklet for
CIELCh(92, 11.463, 121.385)
contains.

CIELCh(92, 11.628, 121.969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 11.628, 121.969)

Conversions

Conversions Part 1

Format	Color
Hex	E4EBD5
RGB	228, 235, 213
RGB Percent	89%, 92%, 84%
CMY	0.1059, 0.0785, 0.1648
CMYK	0.03, 0.00, 0.09, 0.08
HSL	79°, 35%, 88%
HSV	79°, 9%, 92%
XYZ	73.7038, 80.7044, 74.6347
YIQ	230.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

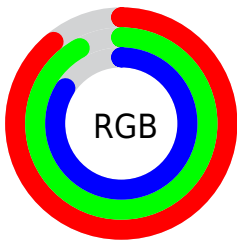
Format	Color
RYB	213, 235, 220
Decimal	15002581
CIELab	92.00, -6.16, 9.86
CIELCh	92, 11.628, 121.969
Yxy	80.7044, 0.3218, 0.3524
Android (android.graphics.Color)	4293192661 (0xFFE4EBD5)
YUV	230.3990, -8.5777, -2.1039
Hunter-Lab	89.8356, -10.7657, 13.6273

Details

The CIELCh color **92, 11.628, 121.969** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86, 11.845, 303.026**, 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, 11.620, 120.590** is the 20% darker color. If you saturate the color by 10%, you get **91, 24.024, 121.399**, and if you desaturate by 10%, it is **93, 0.802, 302.446**.

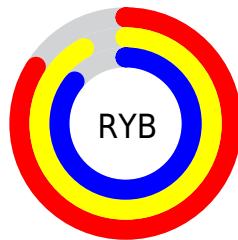
Distribution



Red (89%)

Green (92%)

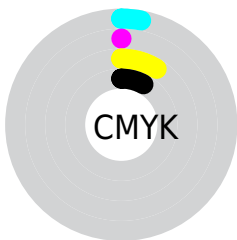
Blue (84%)



Red (84%)

Yellow (92%)

Blue (86%)

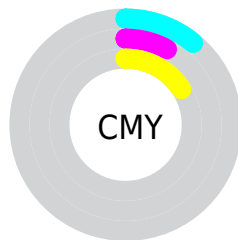


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (8%)



Cyan (11%)


Magenta (8%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.628, 121.969 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, 11.628, 121.969 by changing the saturation by 10% instead.


 92, 11.628,
121.969


 92, 11.628,
121.969


 100, 11.628,
121.969


 82, 11.628,
121.969


 72, 11.628,
121.969

 62, 11.628,
121.969

 52, 11.628,
121.969

 42, 11.628,
121.969

 32, 11.628,
121.969

 22, 11.628,

121.969

■ 12, 11.628,
121.969

■ 2, 11.628, 121.969

■ 92, 11.628,
121.969

■ 92, 11.628,
121.969

■ 91, 24.024,
121.399

■ 93, 0.802, 302.446

■ 90, 36.287,
120.822

■ 94, 10.711,
305.806

■ 89, 48.281,
120.266

■ 95, 11.667,
318.276

■ 88, 59.804,
119.769

■ 95, 12.487,
324.851

■ 88, 70.551,
119.390

■ 87, 80.092,
119.214

■ 86, 87.880,
119.348

■ 86, 93.393,
119.908

■ 85, 96.602,
120.914

Harmonies

Complementary

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



92, 11.628, 121.969



86, 11.845, 303.026

Rectangle

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



92, 11.628, 121.969



92, 11.628, 171.969



92, 11.628, 301.969



92, 11.628, 351.969

Sweetspot

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



92, 11.630, 121.975



100, 3.973, 122.340



89, 6.596, 52.865



53, 3.014, 122.293



0, 0.000, 0.000



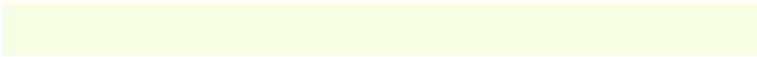
53, 0.007, 296.813

Same Dimension

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



92, 11.630, 121.975



99, 14.599, 121.878



91, 13.146, 138.884



49, 7.046, 121.969



68, 79.474, 120.732



20, 32.019, 119.973

Inverse Universe

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



86, 11.845, 303.026



92, 14.911, 303.131



87, 13.214, 319.710



45, 7.178, 303.032



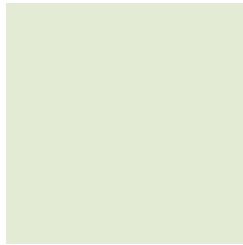
24, 100.076, 308.586



3, 36.742, 305.725

Previews

White Background



This preview shows how the CIELCh color 92, 11.628, 121.969 looks on a white background.

Color Contrast Check

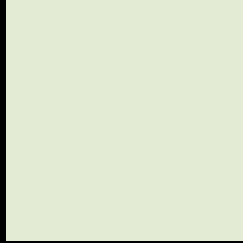
Large Text (above 18pt) WCAG AA × Fail

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, 11.628, 121.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

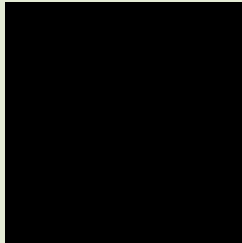
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

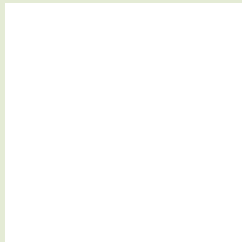
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.628, 121.969

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.628, 121.969.

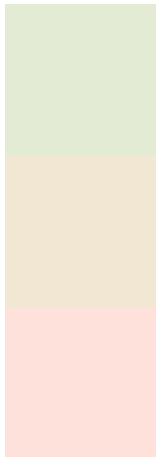


This preview shows how white text looks on a background with the CIELCh color 92, 11.628, 121.969.

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](#).

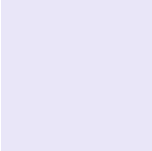
Dichromacy



Original Color
92, 11.628, 121.969

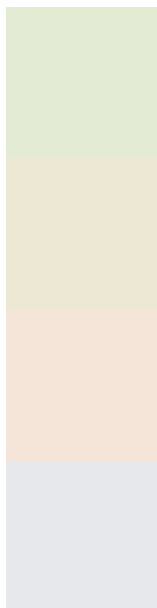
Protanopia
92, 10.936, 89.538

Deuteranopia
92, 11.509, 35.619



Tritanopia
92, 9.397, 297.252

Trichromacy



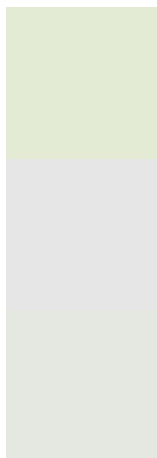
Original Color
92, 11.628, 121.969

Protanomaly
92, 10.397, 101.192

Deuteranomaly
92, 8.529, 65.999

Tritanomaly
92, 1.595, 277.562

Monochromacy



Original Color
92, 11.628, 121.969

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 4.272, 124.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.628, 121.969 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, 235, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 235, 213)  
}
```

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, 235, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 235, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.628, 121.969 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, 235, 213) }
```

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

```
.border{ border-color:rgb(228, 235, 213) }
```

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

Here you see how a box with a 4 pixel rgb(228, 235, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 235, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 235, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 235,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.628, 121.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 235, 213) }
```

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

```
.background{ background-color: rgb(228,  
235, 213) }
```

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