

Converting Colors

CIE LCh(92, 3.444, 128.367)

Have a look what the booklet for
CIELCh(92, 3.444, 128.367) contains.

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Color

CIELCh(92, 3.280, 128.997)

Conversions

Conversions Part 1

Format	Color
Hex	E6E9E3
RGB	230, 233, 227
RGB Percent	90%, 91%, 89%
CMY	0.0977, 0.0860, 0.1095
CMYK	0.01, 0.00, 0.03, 0.09
HSL	90°, 12%, 90%
HSV	90°, 3%, 91%
XYZ	75.6913, 80.7044, 84.3136
YIQ	231.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

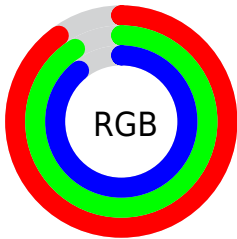
Format	Color
RYB	227, 233, 230
Decimal	15133155
CIELab	92.00, -2.06, 2.55
CIELCh	92, 3.280, 128.997
Yxy	80.7044, 0.3145, 0.3353
Android (android.graphics.Color)	4293323235 (0xFFE6E9E3)
YUV	231.4190, -2.1786, -1.2445
Hunter-Lab	89.8356, -6.8166, 7.2394

Details

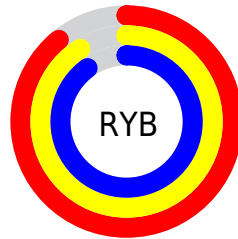
The CIELCh color `92, 3.280, 128.997` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 3.314, 309.153`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 2.820, 125.394` is the 20% darker color. If you saturate the color by 10%, you get `91, 16.097, 128.525`, and if you desaturate by 10%, it is `93, 9.465, 309.374`.

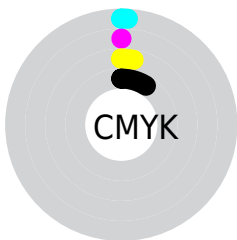
Distribution



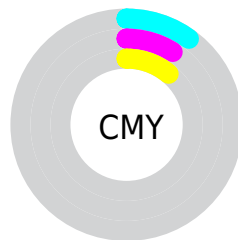
- Red (90%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.280, 128.997 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, 3.280, 128.997 by changing the saturation by 10% instead.

92, 3.280, 128.997

92, 3.280, 128.997

100, 3.280,
128.997

82, 3.280, 128.997

72, 3.280, 128.997

62, 3.280, 128.997

52, 3.280, 128.997

42, 3.280, 128.997

32, 3.280, 128.997

22, 3.280, 128.997

12, 3.280, 128.997

2, 3.280, 128.997

92, 3.280, 128.997

92, 3.280, 128.997

91, 16.097,
128.525

93, 9.465, 309.374

89, 28.898,
128.043

95, 13.382,
322.879

88, 41.572,
127.552

95, 13.687,
324.894

87, 53.954,
127.077

86, 65.808,
126.664

85, 76.788,
126.383

84, 86.427,
126.336

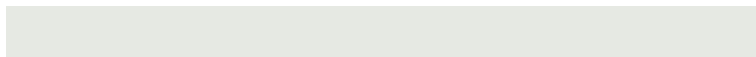
84, 94.164,
126.654

■ 83, 99.540,
127.449

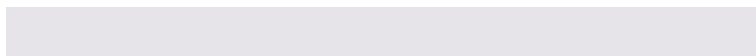
Harmonies

Complementary

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



92, 3.280, 128.997



91, 3.314, 309.153

Rectangle

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



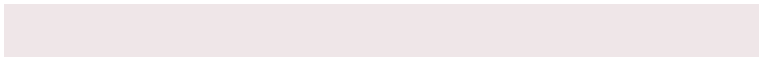
92, 3.280, 128.997



92, 3.280, 178.997



92, 3.280, 308.997



92, 3.280, 358.997

Sweetspot

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



92, 3.282, 129.010



100, 1.363, 129.141



91, 1.871, 74.887



53, 0.774, 129.149



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, 3.282, 129.010



100, 4.114, 128.984



92, 3.783, 144.374



49, 2.914, 128.943



66, 84.345, 128.032



19, 33.736, 127.268

Inverse Universe

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



91, 3.314, 309.153



98, 4.152, 309.178



91, 3.802, 324.508



48, 2.941, 309.219



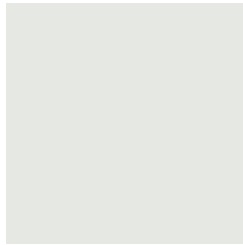
28, 96.469, 311.922



4, 37.680, 311.623

Previews

White Background



This preview shows how the CIELCh color 92, 3.280, 128.997 looks on a white background.

Color Contrast Check

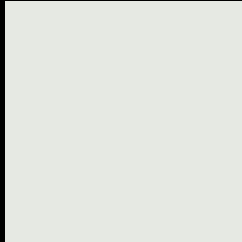
Large Text (above 18pt) WCAG AA × Fail

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, 3.280, 128.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

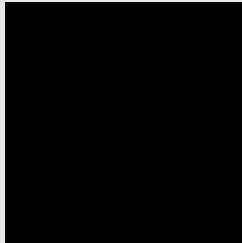
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

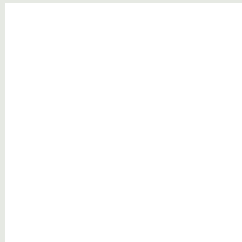
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.280, 128.997

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.280, 128.997.

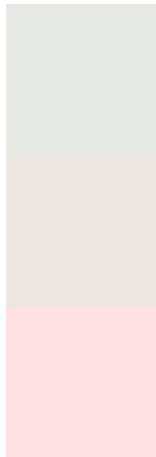


This preview shows how white text looks on a background with the CIELCh color 92, 3.280, 128.997.

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

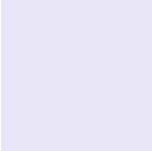
92, 3.280, 128.997

Protanopia

92, 3.345, 69.671

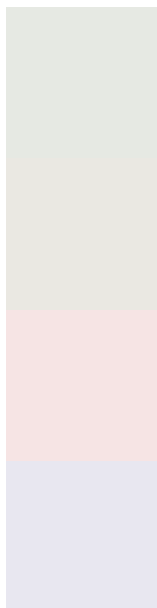
Deuteranopia

92, 11.095, 9.475



Tritanopia
92, 9.397, 297.252

Trichromacy



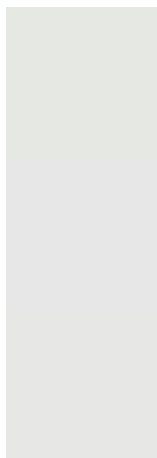
Original Color
92, 3.280, 128.997

Protanomaly
92, 3.162, 96.766

Deuteranomaly
92, 6.510, 19.766

Tritanomaly
92, 4.682, 294.851

Monochromacy



Original Color
92, 3.280, 128.997

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.087, 129.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.280, 128.997 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(230, 233, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 227)  
}
```

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(230, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.280, 128.997 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(230, 233, 227) }
```

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

```
.border{ border-color:rgb(230, 233, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.280, 128.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 227) }
```

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

```
.background{ background-color: rgb(230,  
233, 227) }
```

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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