

Converting Colors

CIE LCh(92, 1.629, 177.122)

Have a look what the booklet for
CIELCh(92, 1.629, 177.122) contains.

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Color

CIELCh(92, 1.510, 179.729)

Conversions

Conversions Part 1

Format	Color
Hex	E5E9E8
RGB	229, 233, 232
RGB Percent	90%, 91%, 91%
CMY	0.1022, 0.0865, 0.0905
CMYK	0.02, 0.00, 0.00, 0.09
HSL	165°, 8%, 91%
HSV	165°, 2%, 91%
XYZ	75.9631, 80.7044, 87.8633
YIQ	231.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

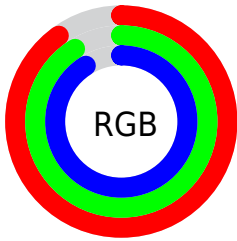
Format	Color
R _Y B	229, 231, 233
Decimal	15067624
CIE Lab	92.00, -1.51, 0.01
CIE LCh	92, 1.510, 179.729
Yxy	80.7044, 0.3106, 0.3300
Android (android.graphics.Color)	4293257704 (0xFFE5E9E8)
YUV	231.6900, 0.1528, -2.3591
Hunter-Lab	89.8356, -6.2766, 4.8967

Details

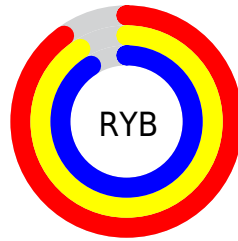
The CIELCh color **92, 1.510, 179.729** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 1.530, 359.262**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 1.247, 173.882** is the 20% darker color. If you saturate the color by 10%, you get **90, 10.244, 178.435**, and if you desaturate by 10%, it is **94, 7.351, 0.113**.

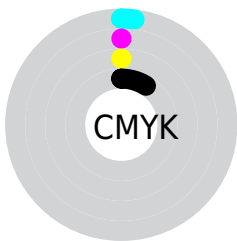
Distribution



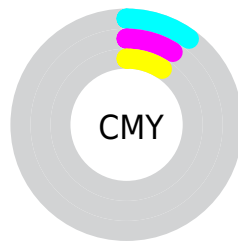
- Red (90%)
- Green (91%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.510, 179.729 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, 1.510, 179.729 by changing the saturation by 10% instead.



92, 1.510, 179.729

92, 1.510, 179.729

90, 10.244,
178.435

94, 7.351, 0.113

89, 18.729,
177.423

94, 9.601, 345.221

87, 26.833,
176.354

94, 11.559,
332.933

86, 34.408,
175.203

95, 13.779,
324.898

85, 41.304,
173.944

84, 47.387,
172.556

84, 52.557,
171.011

83, 56.769,
169.289

■ 83, 60.059,
167.375

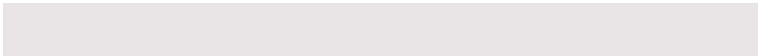
Harmonies

Complementary

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



92, 1.510, 179.729



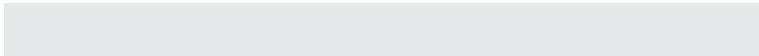
91, 1.530, 359.262

Rectangle

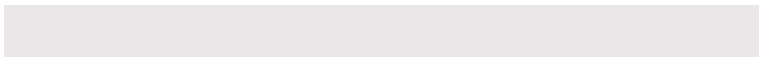
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



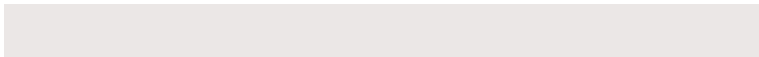
92, 1.510, 179.729



92, 1.510, 229.729



92, 1.510, 359.729



92, 1.510, 49.729

Sweetspot

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



92, 1.512, 179.676



100, 0.945, 180.002



92, 2.319, 136.799



53, 0.537, 180.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

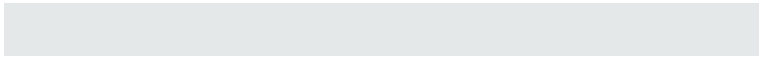
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 1.512, 179.676



100, 1.894, 179.596



92, 1.184, 223.978



49, 1.005, 179.626



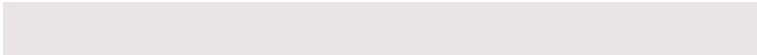
66, 51.278, 166.046



19, 20.952, 169.475

Inverse Universe

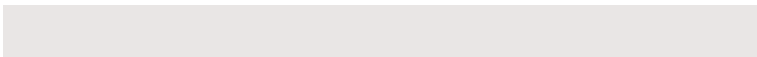
The Inverse Universe completely reimagines the original color for something new.



91, 1.530, 359.262



99, 1.917, 359.341



91, 1.190, 42.845



49, 1.018, 359.311



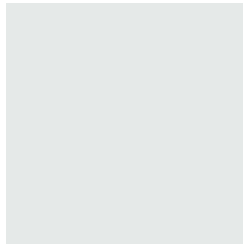
38, 69.576, 25.321



7, 27.830, 12.045

Previews

White Background



This preview shows how the CIELCh color 92, 1.510, 179.729 looks on a white background.

Color Contrast Check

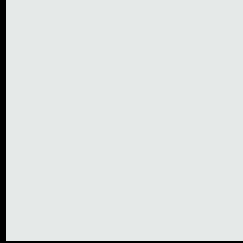
Large Text (above 18pt) WCAG AA × Fail

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, 1.510, 179.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

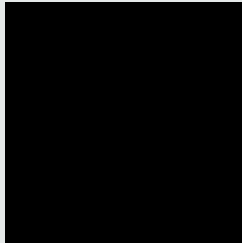
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

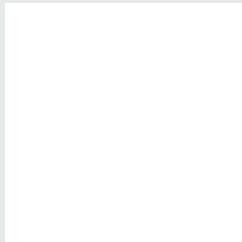
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.510, 179.729

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.510, 179.729.

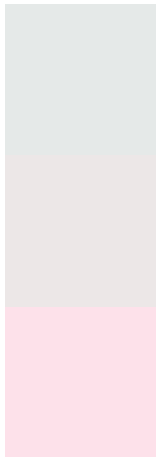


This preview shows how white text looks on a background with the CIELCh color 92, 1.510, 179.729.

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, 1.510, 179.729

Protanopia

92, 1.786, 19.184

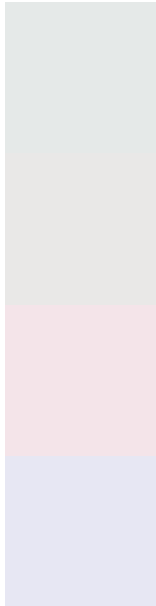
Deuteranopia

92, 11.113, 355.511



Tritanopia
92, 9.877, 294.962

Trichromacy



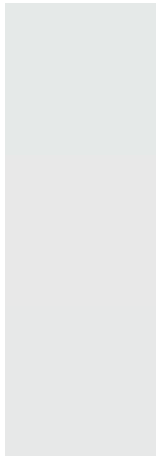
Original Color
92, 1.510, 179.729

Protanomaly
92, 0.615, 74.646

Deuteranomaly
92, 6.308, 355.629

Tritanomaly
92, 6.215, 290.683

Monochromacy



Original Color
92, 1.510, 179.729

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.354, 201.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 1.510, 179.729 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, 233, 232)` looks like.

```
.text, #text, p{  
    color:rgb(229, 233, 232)  
}
```

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, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 233, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.510, 179.729 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, 233, 232) }
```

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

```
.border{ border-color:rgb(229, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 233,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.510, 179.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 233, 232) }
```

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

```
.background{ background-color: rgb(229,  
233, 232) }
```

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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