

Converting Colors

CIELCh(92, 1.384, 244.441)

Have a look what the booklet for
CIELCh(92, 1.384, 244.441) contains.

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Color

CIELCh(92, 1.251, 255.957)

Conversions

Conversions Part 1

Format	Color
Hex	E6E8EA
RGB	230, 232, 234
RGB Percent	90%, 91%, 92%
CMY	0.0969, 0.0890, 0.0812
CMYK	0.02, 0.01, 0.00, 0.08
HSL	210°, 9%, 91%
HSV	210°, 2%, 92%
XYZ	76.5572, 80.7044, 89.6028
YIQ	231.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

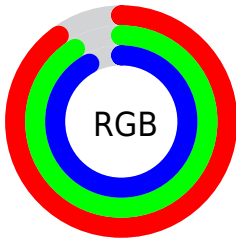
Format	Color
R _Y B	230, 231, 234
Decimal	15132906
CIE Lab	92.00, -0.30, -1.21
CIE LCh	92, 1.251, 255.957
Yxy	80.7044, 0.3101, 0.3269
Android (android.graphics.Color)	4293322986 (0xFFE6E8EA)
YUV	231.6300, 1.1684, -1.4295
Hunter-Lab	89.8356, -5.0962, 3.7486

Details

The CIELCh color **92, 1.251, 255.957** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 1.239, 74.774**, 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, 1.153, 271.520** is the 20% darker color. If you saturate the color by 10%, you get **87, 8.490, 256.922**, and if you desaturate by 10%, it is **97, 6.039, 74.304**.

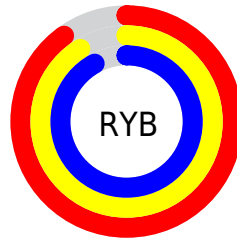
Distribution



Red (90%)

Green (91%)

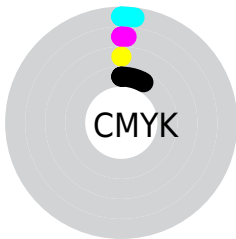
Blue (92%)



Red (90%)

Yellow (91%)

Blue (92%)

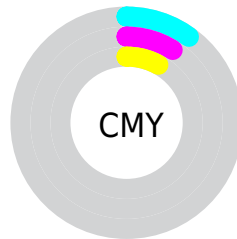


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.251, 255.957 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, 1.251, 255.957 by changing the saturation by 10% instead.

■ 92, 1.251, 255.957

■ 92, 1.251, 255.957

■ 100, 1.251,
255.957

■ 82, 1.251, 255.957

■ 72, 1.251, 255.957

■ 62, 1.251, 255.957

■ 52, 1.251, 255.957

■ 42, 1.251, 255.957

■ 32, 1.251, 255.957

■ 22, 1.251, 255.957

■ 12, 1.251, 255.957

■ 2, 1.251, 255.957

92, 1.251, 255.957

92, 1.251, 255.957

87, 8.490, 256.922

97, 6.039, 74.304

83, 15.653,
258.505

100, 10.482,
109.384

78, 22.708,
260.408

74, 29.631,
262.682

69, 36.413,
265.389

65, 43.065,
268.578

61, 49.635,
272.273

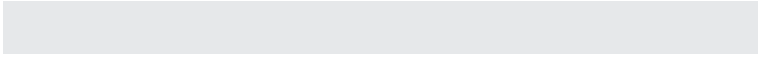
57, 56.212,
276.435

■ 53, 62.907,
280.941

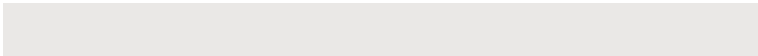
Harmonies

Complementary

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



92, 1.251, 255.957



92, 1.239, 74.774

Rectangle

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



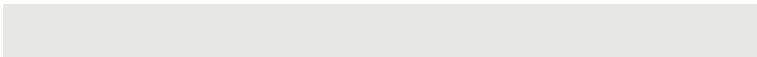
92, 1.251, 255.957



92, 1.251, 305.957



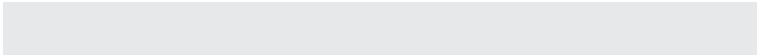
92, 1.251, 75.957



92, 1.251, 125.957

Sweetspot

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



92, 1.250, 255.853



99, 0.788, 255.996



92, 1.779, 162.880



53, 0.448, 256.018



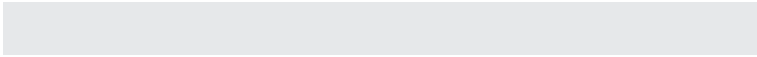
0, 0.000, 0.000



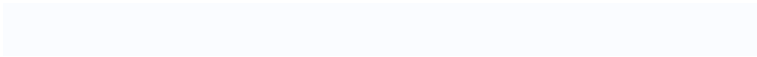
53, 0.007, 296.813

Same Dimension

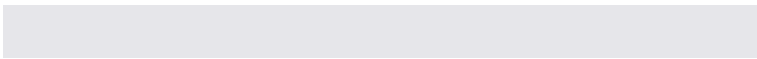
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 1.250, 255.853



99, 1.567, 255.841



92, 2.045, 289.716



49, 0.832, 255.843



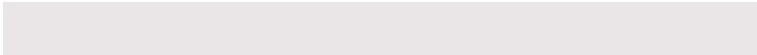
39, 55.657, 283.903



9, 20.547, 275.721

Inverse Universe

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



92, 1.778, 343.481



99, 2.230, 343.544



93, 2.017, 109.305



49, 1.184, 343.522



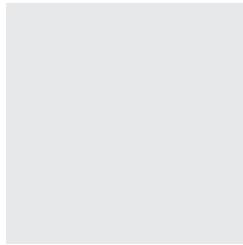
39, 65.550, 1.839



8, 28.617, 355.138

Previews

White Background



This preview shows how the CIE LCh color 92, 1.251, 255.957 looks on a white background.

Color Contrast Check

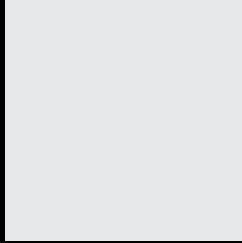
Large Text (above 18pt) WCAG AA × Fail

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, 1.251, 255.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

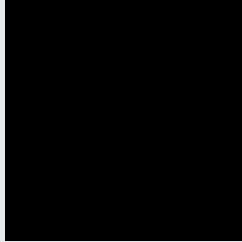
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

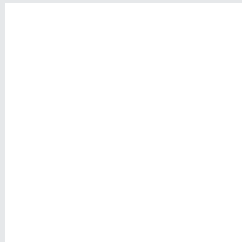
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.251, 255.957

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.251, 255.957.

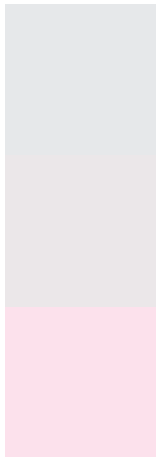


This preview shows how white text looks on a background with the CIELCh color 92, 1.251, 255.957.

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, 1.251, 255.957

Protanopia

92, 1.775, 343.532

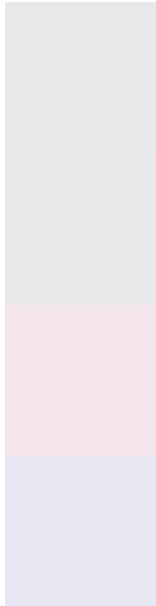
Deuteranopia

92, 11.248, 349.900



Tritanopia
92, 9.361, 295.151

Trichromacy



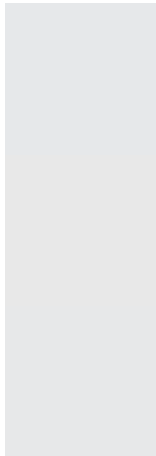
Original Color
92, 1.251, 255.957

Protanomaly
92, 1.271, 324.262

Deuteranomaly
92, 6.791, 347.665

Tritanomaly
92, 6.215, 290.683

Monochromacy



Original Color
92, 1.251, 255.957

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.630, 256.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 1.251, 255.957 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, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 234)  
}
```

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, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.251, 255.957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

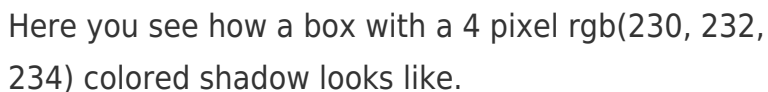
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 232, 234) }
```

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

```
.border{ border-color:rgb(230, 232, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 232, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 232, 234); box-shadow:4px 4px 4px 4px rgb(230, 232, 234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.251, 255.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 234) }
```

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

```
.background{ background-color: rgb(230,  
232, 234) }
```

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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