

Converting Colors

CIELCh(92, 1.414, 199.745)

Have a look what the booklet for
CIELCh(92, 1.414, 199.745) contains.

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Color

CIELCh(92, 1.413, 199.747)

Conversions

Conversions Part 1

Format	Color
Hex	E5E9E9
RGB	229, 233, 233
RGB Percent	90%, 91%, 91%
CMY	0.1025, 0.0868, 0.0868
CMYK	0.02, 0.00, 0.00, 0.09
HSL	180°, 8%, 91%
HSV	180°, 2%, 91%
XYZ	76.0516, 80.7044, 88.5510
YIQ	231.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

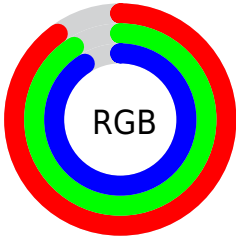
Format	Color
R _Y B	229, 231, 233
Decimal	15067625
CIE Lab	92.00, -1.33, -0.48
CIE LCh	92, 1.413, 199.747
Yxy	80.7044, 0.3100, 0.3290
Android (android.graphics.Color)	4293257705 (0xFFE5E9E9)
YUV	231.8040, 0.5896, -2.4591
Hunter-Lab	89.8356, -6.1008, 4.4428

Details

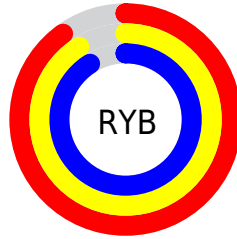
The CIELCh color **92, 1.413, 199.747** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 1.432, 18.999**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 1.116, 199.764** is the 20% darker color. If you saturate the color by 10%, you get **90, 9.417, 198.751**, and if you desaturate by 10%, it is **94, 6.951, 19.715**.

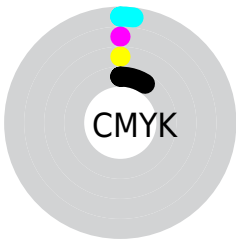
Distribution



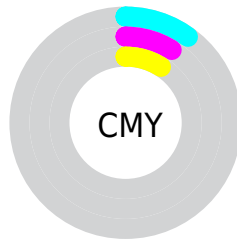
- Red (90%)
- Green (91%)
- Blue (91%)



- 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, 1.413, 199.747 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, 1.413, 199.747 by changing the saturation by 10% instead.

■ 92, 1.413, 199.747

■ 92, 1.413, 199.747

■ 100, 1.413,
199.747

■ 82, 1.413, 199.747

■ 72, 1.413, 199.747

■ 62, 1.413, 199.747

■ 52, 1.413, 199.747

■ 42, 1.413, 199.747

■ 32, 1.413, 199.747

■ 22, 1.413, 199.747

■ 12, 1.413, 199.747

■ 2, 1.413, 199.747

92, 1.413, 199.747

92, 1.413, 199.747

90, 9.417, 198.751

94, 6.951, 19.715

89, 16.933,
198.219

94, 7.997, 19.728

88, 23.831,
197.753

94, 7.997, 19.646

87, 29.975,
197.348

94, 7.996, 19.563

86, 35.242,
197.005

94, 7.996, 19.481

85, 39.537,
196.728

94, 7.996, 19.399

85, 42.802,
196.516

94, 7.996, 19.317

84, 45.038,
196.368

94, 7.996, 19.235

94, 7.996, 19.153

■ 84, 46.316,
196.278

Harmonies

Complementary

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



92, 1.413, 199.747



91, 1.432, 18.999

Rectangle

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



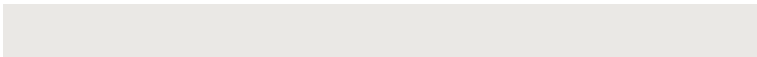
92, 1.413, 199.747



92, 1.413, 249.747



92, 1.413, 19.747



92, 1.413, 69.747

Sweetspot

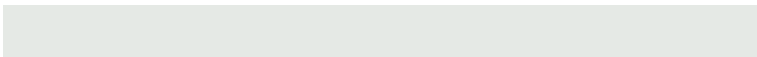
The Sweet Spot groups the original color and five complimentary colors.



92, 1.414, 199.666



100, 0.886, 200.016



92, 2.504, 144.019



53, 0.504, 200.058



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

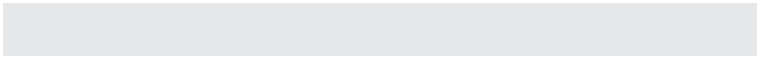
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 1.414, 199.666



100, 1.770, 199.587



92, 1.239, 254.142



49, 0.940, 199.616



67, 38.779, 196.239



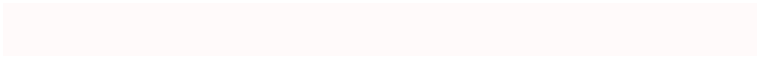
19, 16.604, 196.261

Inverse Universe

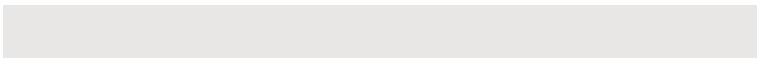
The Inverse Universe completely reimagines the original color for something new.



91, 1.432, 18.999



99, 1.795, 19.079



92, 1.229, 73.041



49, 0.953, 19.049



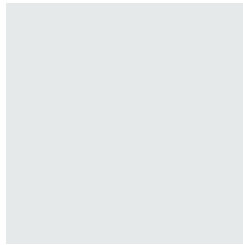
38, 80.803, 39.946



7, 28.531, 22.676

Previews

White Background



This preview shows how the CIELCh color 92, 1.413, 199.747 looks on a white background.

Color Contrast Check

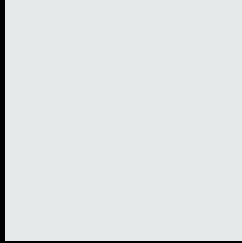
Large Text (above 18pt) WCAG AA × Fail

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, 1.413, 199.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

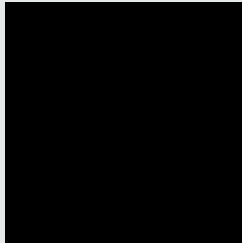
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

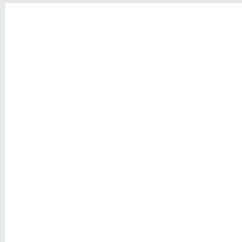
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.413, 199.747

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.413, 199.747.

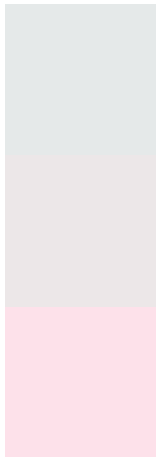


This preview shows how white text looks on a background with the CIELCh color 92, 1.413, 199.747.

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, 1.413, 199.747

Protanopia

92, 1.865, 3.132

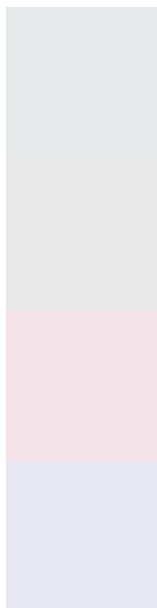
Deuteranopia

92, 11.113, 355.511



Tritanopia
92, 9.854, 292.966

Trichromacy



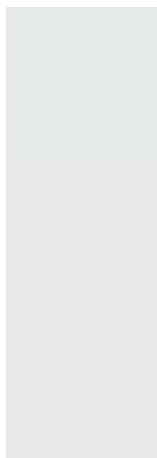
Original Color
92, 1.413, 199.747

Protanomaly
92, 0.357, 17.702

Deuteranomaly
92, 6.533, 351.498

Tritanomaly
92, 6.220, 287.481

Monochromacy



Original Color
92, 1.413, 199.747

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, 1.413, 199.747 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, 233)` looks like.

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

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, 233) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 92, 1.413, 199.747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

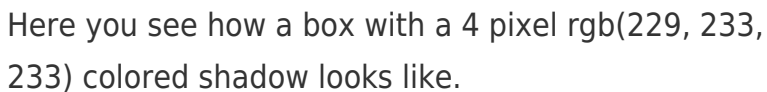
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 233, 233) }
```

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

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

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, 233)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 92, 1.413, 199.747 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, 233) }
```

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

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

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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