

Converting Colors

CIELCh(92, 4.006, 199.291)

Have a look what the booklet for
CIELCh(92, 4.006, 199.291) contains.

CIELCh(92, 3.859, 199.305)	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, 3.859, 199.305)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAEA
RGB	223, 234, 234
RGB Percent	87%, 92%, 92%
CMY	0.1243, 0.0812, 0.0812
CMYK	0.05, 0.00, 0.00, 0.08
HSL	180°, 21%, 90%
HSV	180°, 5%, 92%
XYZ	74.9208, 80.7044, 89.6920
YIQ	230.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

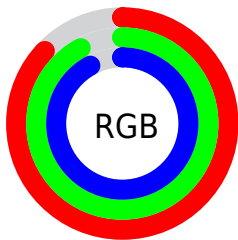
Format	Color
R _Y B	223, 229, 234
Decimal	14674666
CIE Lab	92.00, -3.64, -1.28
CIE LCh	92, 3.859, 199.305
Yxy	80.7044, 0.3054, 0.3290
Android (android.graphics.Color)	4292864746 (0xFFDFEAEA)
YUV	230.7110, 1.6215, -6.7625
Hunter-Lab	89.8356, -8.3476, 3.6898

Details

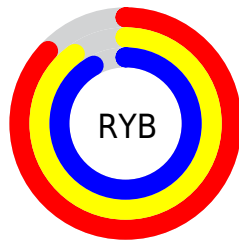
The CIELCh color **92, 3.859, 199.305** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 3.976, 19.508**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.685, 199.237** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.770, 198.638**, and if you desaturate by 10%, it is **94, 4.450, 19.541**.

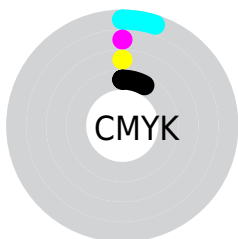
Distribution



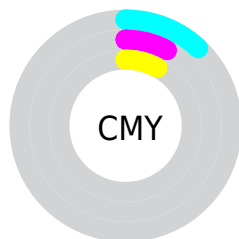
- Red (87%)
- Green (92%)
- Blue (92%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.859, 199.305 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, 3.859, 199.305 by changing the saturation by 10% instead.

■ 92, 3.859, 199.305

■ 92, 3.859, 199.305

■ 100, 3.859,
199.305

■ 82, 3.859, 199.305

■ 72, 3.859, 199.305

■ 62, 3.859, 199.305

■ 52, 3.859, 199.305

■ 42, 3.859, 199.305

■ 32, 3.859, 199.305

■ 22, 3.859, 199.305

■ 12, 3.859, 199.305

■ 2, 3.859, 199.305

92, 3.859, 199.305

92, 3.859, 199.305

90, 11.770,
198.638

94, 4.450, 19.541

89, 19.152,
198.130

94, 7.460, 19.784

88, 25.869,
197.685

94, 7.460, 19.752

87, 31.790,
197.301

94, 7.460, 19.689

86, 36.797,
196.981

94, 7.460, 19.657

85, 40.804,
196.728

94, 7.460, 19.594

85, 43.769,
196.542

94, 7.460, 19.563

85, 45.713,
196.419

■ 85, 46.731,
196.353

Harmonies

Complementary

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



92, 3.859, 199.305



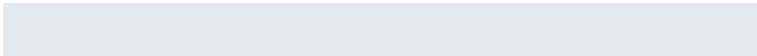
90, 3.976, 19.508

Rectangle

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



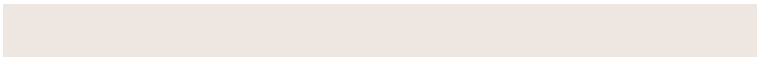
92, 3.859, 199.305



92, 3.859, 249.305



92, 3.859, 19.305



92, 3.859, 69.305

Sweetspot

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



92, 3.860, 199.276



100, 0.886, 200.068



92, 6.910, 143.779



53, 0.504, 200.110



0, 0.000, 0.000



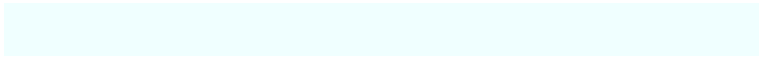
53, 0.007, 296.813

Same Dimension

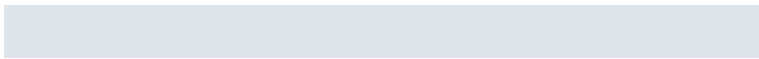
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.860, 199.276



99, 5.264, 199.168



91, 3.383, 254.298



49, 3.256, 199.125



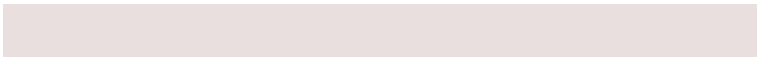
67, 38.762, 196.334



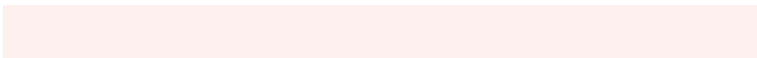
19, 16.598, 196.341

Inverse Universe

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



90, 3.976, 19.508



96, 5.468, 19.628



91, 3.411, 72.906



47, 3.395, 19.679



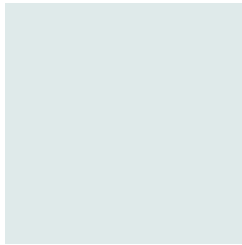
38, 80.832, 39.972



7, 28.534, 22.701

Previews

White Background



This preview shows how the CIELCh color 92, 3.859, 199.305 looks on a white background.

Color Contrast Check

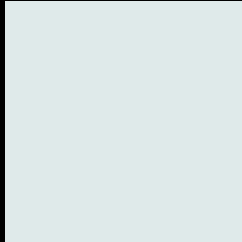
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 3.859, 199.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

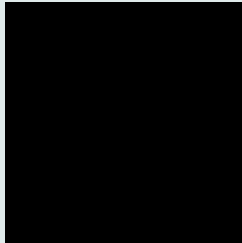
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

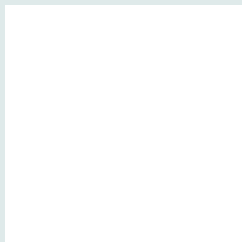
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.859, 199.305

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.859, 199.305.

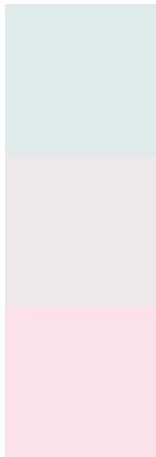


This preview shows how white text looks on a background with the CIELCh color 92, 3.859, 199.305.

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

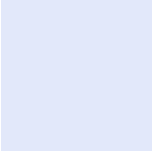
92, 3.859, 199.305

Protanopia

92, 1.865, 3.132

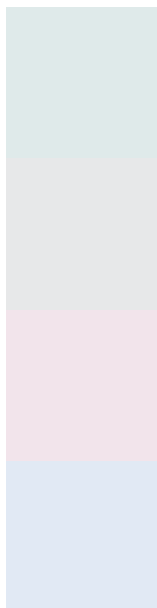
Deuteranopia

92, 11.248, 349.900



Tritanopia
92, 9.498, 278.458

Trichromacy



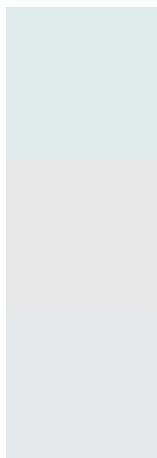
Original Color
92, 3.859, 199.305

Protanomaly
92, 0.630, 256.176

Deuteranomaly
92, 6.197, 344.055

Tritanomaly
92, 6.279, 264.549

Monochromacy



Original Color
92, 3.859, 199.305

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.414, 199.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.859, 199.305 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(223, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 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(223, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.859, 199.305 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(223, 234, 234) }
```

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

```
.border{ border-color:rgb(223, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.859, 199.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 234) }
```

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

```
.background{ background-color: rgb(223,  
234, 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](#).

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