

Converting Colors

CIE LCh(92, 4.023, 210.196)

Have a look what the booklet for
CIELCh(92, 4.023, 210.196) contains.

CIELCh(92, 3.965, 214.450)	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, 3.965, 214.450)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAEC
RGB	223, 234, 236
RGB Percent	87%, 92%, 93%
CMY	0.1249, 0.0818, 0.0739
CMYK	0.06, 0.01, 0.00, 0.07
HSL	189°, 26%, 90%
HSV	189°, 6%, 93%
XYZ	75.1022, 80.7044, 91.0872
YIQ	230.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

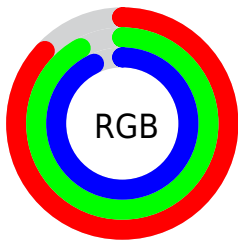
Format	Color
R _Y B	223, 229, 236
Decimal	14674668
CIE _{Lab}	92.00, -3.27, -2.24
CIE _{LCh}	92, 3.965, 214.450
Y _{xy}	80.7044, 0.3042, 0.3269
Android (android.graphics.Color)	4292864748 (0xFFDFEAEC)
Y _{UV}	230.9390, 2.4951, -6.9625
Hunter-Lab	89.8356, -7.9872, 2.7689

Details

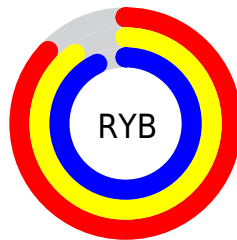
The CIELCh color **92, 3.965, 214.450** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 4.104, 34.092**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.808, 215.890** is the 20% darker color. If you saturate the color by 10%, you get **89, 10.871, 214.452**, and if you desaturate by 10%, it is **95, 3.307, 34.046**.

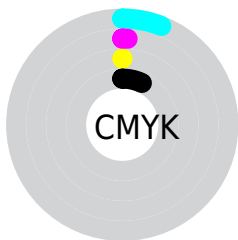
Distribution



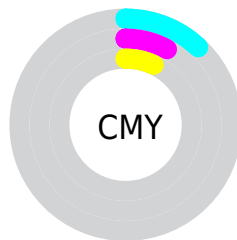
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.965, 214.450 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, 3.965, 214.450 by changing the saturation by 10% instead.

■ 92, 3.965, 214.450

■ 92, 3.965, 214.450

■ 100, 3.965,
214.450

■ 82, 3.965, 214.450

■ 72, 3.965, 214.450

■ 62, 3.965, 214.450

■ 52, 3.965, 214.450

■ 42, 3.965, 214.450

■ 32, 3.965, 214.450

■ 22, 3.965, 214.450

■ 12, 3.965, 214.450

■ 2, 3.965, 214.450

92, 3.965, 214.450

92, 3.965, 214.450

89, 10.871,
214.452

95, 3.307, 34.046

87, 17.305,
214.704

96, 5.558, 48.410

85, 23.154,
215.146

97, 5.751, 71.274

83, 28.300,
215.815

98, 6.737, 89.905

81, 32.633,
216.763

99, 8.232, 102.740

100, 9.543,
109.454

79, 36.069,
218.051

78, 38.563,
219.747

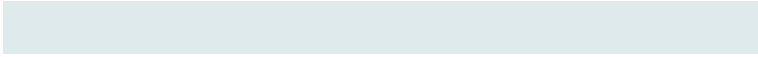
76, 40.137,
221.919

■ 75, 40.901,
224.615

Harmonies

Complementary

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



92, 3.965, 214.450



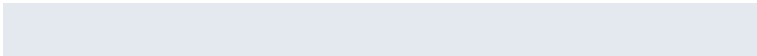
90, 4.104, 34.092

Rectangle

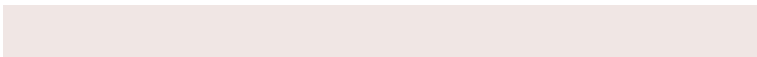
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



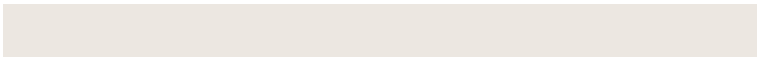
92, 3.965, 214.450



92, 3.965, 264.450



92, 3.965, 34.450



92, 3.965, 84.450

Sweetspot

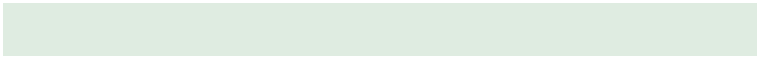
The Sweet Spot groups the original color and five complimentary colors.



92, 3.966, 214.418



99, 1.547, 214.669



92, 7.388, 148.549



53, 0.880, 214.691



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

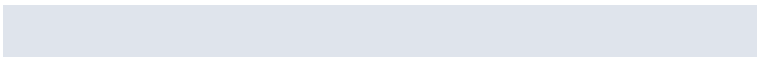
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.966, 214.418



98, 5.346, 214.397



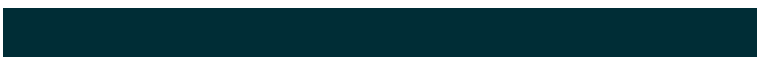
90, 4.646, 270.537



48, 3.240, 214.394



58, 33.687, 225.382



16, 14.513, 220.582

Inverse Universe

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



90, 7.392, 329.243



96, 10.013, 329.345



92, 4.638, 89.022



47, 6.078, 329.380



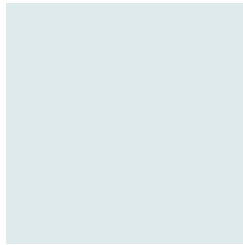
41, 79.271, 335.447



9, 34.538, 334.238

Previews

White Background



This preview shows how the CIELCh color 92, 3.965, 214.450 looks on a white background.

Color Contrast Check

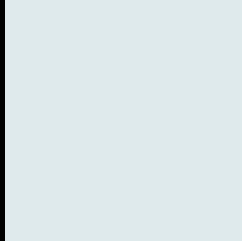
Large Text (above 18pt) WCAG AA × Fail

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, 3.965, 214.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

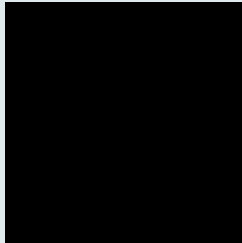
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

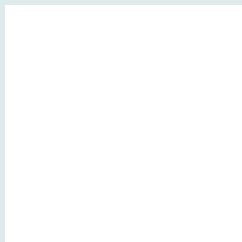
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.965, 214.450

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.965, 214.450.

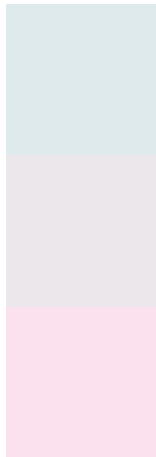


This preview shows how white text looks on a background with the CIELCh color 92, 3.965, 214.450.

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

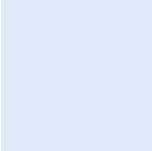
92, 3.965, 214.450

Protanopia

92, 2.124, 332.278

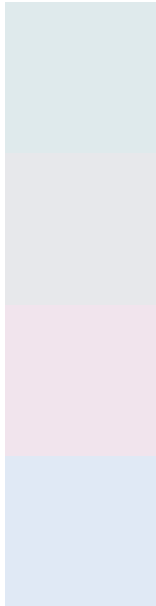
Deuteranopia

92, 11.492, 344.487



Tritanopia
92, 9.570, 276.466

Trichromacy



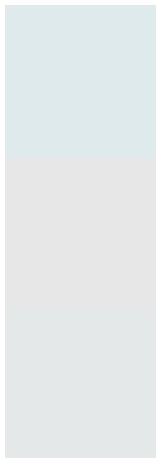
Original Color
92, 3.965, 214.450

Protanomaly
92, 1.595, 277.562

Deuteranomaly
92, 6.595, 334.909

Tritanomaly
92, 6.884, 263.937

Monochromacy



Original Color
92, 3.965, 214.450

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.499, 219.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.965, 214.450 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.965, 214.450 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, 236) }
```

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

```
.border{ border-color:rgb(223, 234, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.965, 214.450 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, 236) }
```

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

```
.background{ background-color: rgb(223,  
234, 236) }
```

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