

Converting Colors

CIELCh(92, 4.858, 220.334)

Have a look what the booklet for
CIELCh(92, 4.858, 220.334) contains.

CIELCh(92, 4.935, 224.079)	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, 4.935, 224.079)

Conversions

Conversions Part 1

Format	Color
Hex	DDEAEE
RGB	221, 234, 238
RGB Percent	87%, 92%, 93%
CMY	0.1318, 0.0808, 0.0651
CMYK	0.07, 0.02, 0.00, 0.07
HSL	194°, 34%, 90%
HSV	194°, 7%, 93%
XYZ	74.9679, 80.7044, 92.8238
YIQ	230.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

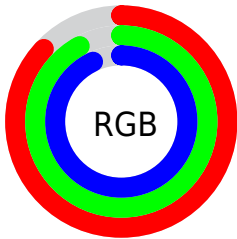
Format	Color
R _Y B	221, 228, 238
Decimal	14543598
CIE Lab	92.00, -3.55, -3.43
CIE LCh	92, 4.935, 224.079
Yxy	80.7044, 0.3017, 0.3248
Android (android.graphics.Color)	4292733678 (0xFFDDEAEE)
YUV	230.5690, 3.6635, -8.3920
Hunter-Lab	89.8356, -8.2540, 1.6228

Details

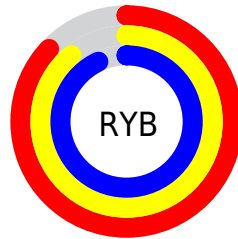
The CIELCh color **92, 4.935, 224.079** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 5.147, 43.242**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.843, 225.967** is the 20% darker color. If you saturate the color by 10%, you get **89, 11.554, 224.565**, and if you desaturate by 10%, it is **95, 2.022, 43.208**.

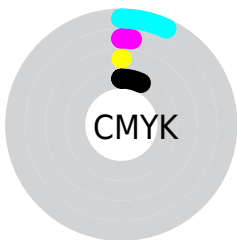
Distribution



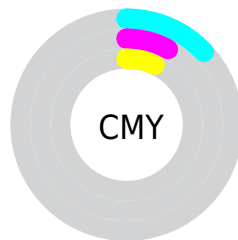
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.935, 224.079 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, 4.935, 224.079 by changing the saturation by 10% instead.

■ 92, 4.935, 224.079

■ 92, 4.935, 224.079

■ 100, 4.935,
224.079

■ 82, 4.935, 224.079

■ 72, 4.935, 224.079

■ 62, 4.935, 224.079

■ 52, 4.935, 224.079

■ 42, 4.935, 224.079

■ 32, 4.935, 224.079

■ 22, 4.935, 224.079

■ 12, 4.935, 224.079

■ 2, 4.935, 224.079

92, 4.935, 224.079

92, 4.935, 224.079

89, 11.554,
224.565

95, 2.022, 43.208

86, 17.745,
225.338

97, 4.957, 67.184

83, 23.407,
226.385

99, 6.631, 97.891

100, 8.402,
109.539

81, 28.441,
227.770

78, 32.759,
229.572

76, 36.299,
231.883

74, 39.055,
234.794

72, 41.091,
238.380

■ 70, 42.575,
242.646

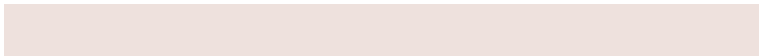
Harmonies

Complementary

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



92, 4.935, 224.079



91, 5.147, 43.242

Rectangle

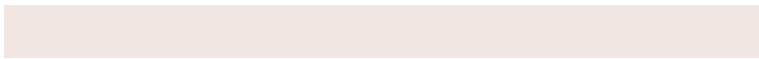
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



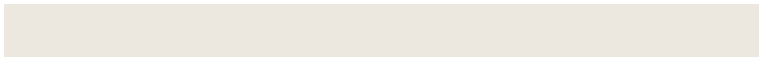
92, 4.935, 224.079



92, 4.935, 274.079



92, 4.935, 44.079



92, 4.935, 94.079

Sweetspot

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



92, 4.935, 224.053



99, 1.480, 224.128



93, 9.095, 151.290



53, 0.842, 224.146



0, 0.000, 0.000



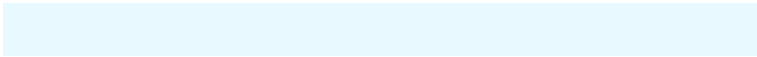
53, 0.007, 296.813

Same Dimension

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



92, 4.935, 224.053



97, 6.547, 224.124



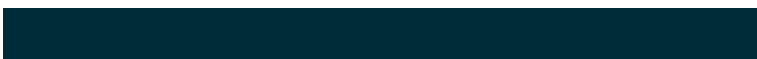
90, 6.647, 277.014



49, 3.927, 224.144



54, 35.202, 243.100



16, 15.004, 236.077

Inverse Universe

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



90, 9.117, 332.203



94, 12.166, 332.336



93, 6.608, 95.211



47, 7.308, 332.367



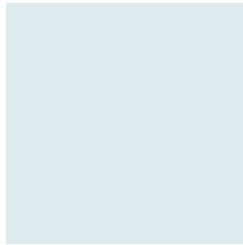
41, 75.376, 340.363



9, 33.696, 338.299

Previews

White Background



This preview shows how the CIELCh color 92, 4.935, 224.079 looks on a white background.

Color Contrast Check

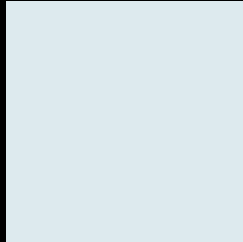
Large Text (above 18pt) WCAG AA × Fail

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, 4.935, 224.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

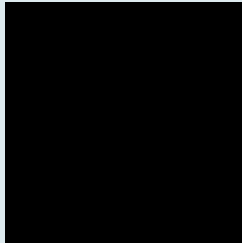
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

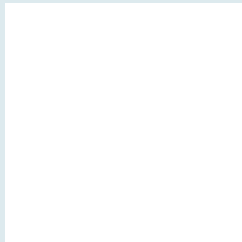
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.935, 224.079

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.935, 224.079.



This preview shows how white text looks on a background with the CIELCh color 92, 4.935, 224.079.

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](#).

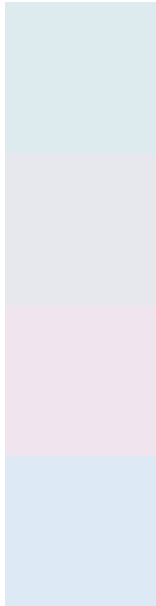
Dichromacy





Tritanopia
92, 10.237, 273.573

Trichromacy



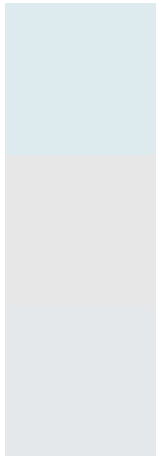
Original Color
92, 4.935, 224.079

Protanomaly
92, 2.677, 275.194

Deuteranomaly
92, 7.143, 327.015

Tritanomaly
92, 7.644, 261.156

Monochromacy



Original Color
92, 4.935, 224.079

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.741, 236.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.935, 224.079 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(221, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 238)  
}
```

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(221, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.935, 224.079 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(221, 234, 238) }
```

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

```
.border{ border-color:rgb(221, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.935, 224.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 238) }
```

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

```
.background{ background-color: rgb(221,  
234, 238) }
```

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