

Converting Colors

CIELCh(92, 4.166, 221.589)

Have a look what the booklet for
CIELCh(92, 4.166, 221.589) contains.

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Color

CIELCh(92, 4.116, 221.489)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAED
RGB	223, 234, 237
RGB Percent	87%, 92%, 93%
CMY	0.1252, 0.0820, 0.0703
CMYK	0.06, 0.01, 0.00, 0.07
HSL	193°, 28%, 90%
HSV	193°, 6%, 93%
XYZ	75.1931, 80.7044, 91.7906
YIQ	231.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

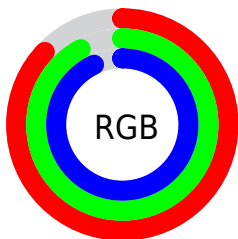
Format	Color
R _Y B	223, 229, 237
Decimal	14674669
CIE Lab	92.00, -3.08, -2.73
CIE LCh	92, 4.116, 221.489
Yxy	80.7044, 0.3036, 0.3258
Android (android.graphics.Color)	4292864749 (0xFFDFEAED)
YUV	231.0530, 2.9319, -7.0625
Hunter-Lab	89.8356, -7.8066, 2.3047

Details

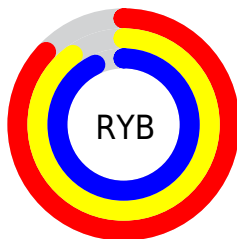
The CIELCh color **92, 4.116, 221.489** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 4.263, 40.814**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.980, 223.520** is the 20% darker color. If you saturate the color by 10%, you get **89, 10.802, 221.817**, and if you desaturate by 10%, it is **95, 2.909, 40.792**.

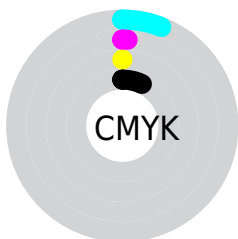
Distribution



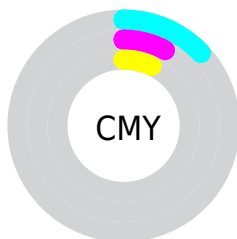
- Red (87%)
- Green (92%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.116, 221.489 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, 4.116, 221.489 by changing the saturation by 10% instead.

■ 92, 4.116, 221.489

■ 92, 4.116, 221.489

■ 100, 4.116,
221.489

■ 82, 4.116, 221.489

■ 72, 4.116, 221.489

■ 62, 4.116, 221.489

■ 52, 4.116, 221.489

■ 42, 4.116, 221.489

■ 32, 4.116, 221.489

■ 22, 4.116, 221.489

■ 12, 4.116, 221.489

■ 2, 4.116, 221.489

92, 4.116, 221.489

92, 4.116, 221.489

89, 10.802,
221.817

95, 2.909, 40.792

86, 17.055,
222.433

97, 5.293, 62.946

84, 22.772,
223.299

98, 6.523, 91.417

81, 27.848,
224.470

99, 8.761, 108.040

100, 9.074,
109.489

79, 32.186,
226.018

77, 35.715,
228.028

75, 38.411,
230.589

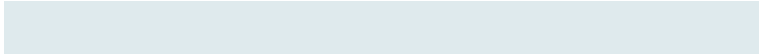
73, 40.321,
233.783

■ 71, 41.583,
237.646

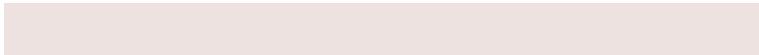
Harmonies

Complementary

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



92, 4.116, 221.489



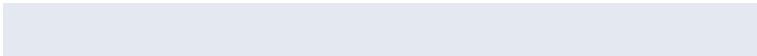
91, 4.263, 40.814

Rectangle

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



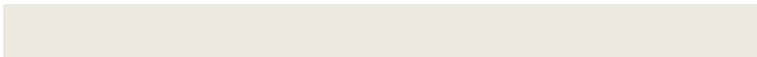
92, 4.116, 221.489



92, 4.116, 271.489



92, 4.116, 41.489



92, 4.116, 91.489

Sweetspot

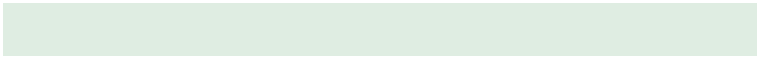
The Sweet Spot groups the original color and five complimentary colors.



92, 4.116, 221.457



99, 1.494, 221.607



92, 7.673, 150.197



53, 0.849, 221.627



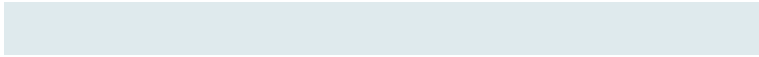
0, 0.000, 0.000



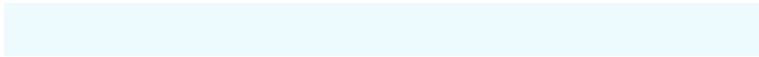
53, 0.007, 296.813

Same Dimension

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



92, 4.116, 221.457



98, 5.162, 221.477



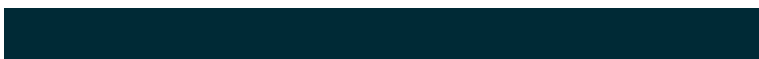
90, 5.277, 274.486



48, 3.128, 221.489



55, 34.247, 238.545



15, 14.453, 231.735

Inverse Universe

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



90, 7.623, 331.348



96, 9.592, 331.427



92, 5.255, 92.933



47, 5.823, 331.464



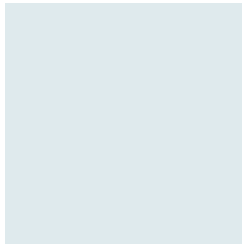
41, 75.754, 339.003



8, 33.201, 337.108

Previews

White Background



This preview shows how the CIELCh color 92, 4.116, 221.489 looks on a white background.

Color Contrast Check

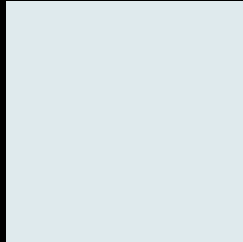
Large Text (above 18pt) WCAG AA × Fail

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, 4.116, 221.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

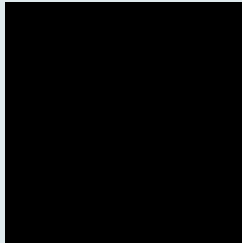
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

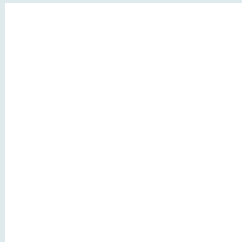
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.116, 221.489

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.116, 221.489.



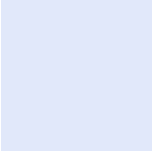
This preview shows how white text looks on a background with the CIELCh color 92, 4.116, 221.489.

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](#).

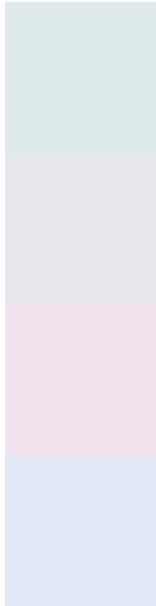
Dichromacy





Tritanopia
92, 9.570, 276.466

Trichromacy



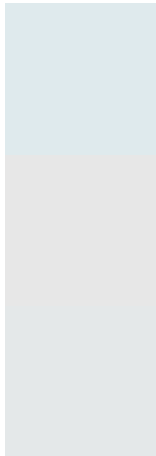
Original Color
92, 4.116, 221.489

Protanomaly
92, 2.101, 280.727

Deuteranomaly
92, 6.969, 331.919

Tritanomaly
92, 6.884, 263.937

Monochromacy



Original Color
92, 4.116, 221.489

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, 4.116, 221.489 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.116, 221.489 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, 237) }
```

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

```
.border{ border-color:rgb(223, 234, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.116, 221.489 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, 237) }
```

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

```
.background{ background-color: rgb(223,  
234, 237) }
```

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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