

Converting Colors

CIELCh(92, 8.429, 152.655)

Have a look what the booklet for
CIELCh(92, 8.429, 152.655) contains.

CIELCh(92, 8.469, 151.930)	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, 8.469, 151.930)

Conversions

Conversions Part 1

Format	Color
Hex	DCECE0
RGB	220, 236, 224
RGB Percent	86%, 93%, 88%
CMY	0.1367, 0.0739, 0.1210
CMYK	0.07, 0.00, 0.05, 0.07
HSL	135°, 30%, 89%
HSV	135°, 7%, 93%
XYZ	73.0720, 80.7044, 82.3514
YIQ	229.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

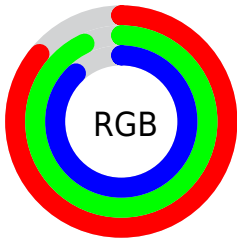
Format	Color
R _Y B	220, 233, 236
Decimal	14478560
CIE Lab	92.00, -7.47, 3.99
CIE LCh	92, 8.469, 151.930
Yxy	80.7044, 0.3095, 0.3418
Android (android.graphics.Color)	4292668640 (0xFFDCECE0)
YUV	229.8480, -2.8831, -8.6367
Hunter-Lab	89.8356, -12.0210, 8.5344

Details

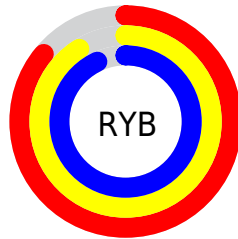
The CIELCh color **92, 8.469, 151.930** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.504, 332.734**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.260, 152.450** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.076, 151.151**, and if you desaturate by 10%, it is **94, 4.010, 332.446**.

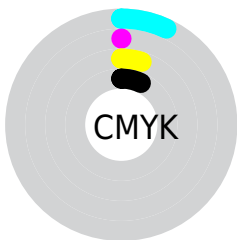
Distribution



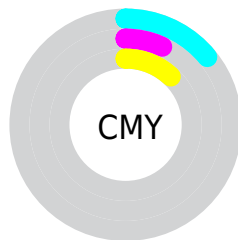
- Red (86%)
- Green (93%)
- Blue (88%)



- Red (86%)
- Yellow (91%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.469, 151.930 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, 8.469, 151.930 by changing the saturation by 10% instead.

92, 8.469, 151.930

92, 8.469, 151.930

100, 8.469,
151.930

82, 8.469, 151.930

72, 8.469, 151.930

62, 8.469, 151.930

52, 8.469, 151.930

42, 8.469, 151.930

32, 8.469, 151.930

22, 8.469, 151.930

12, 8.469, 151.930

2, 8.469, 151.930

92, 8.469, 151.930

92, 8.469, 151.930

90, 21.076,
151.151

94, 4.010, 332.446

88, 33.656,
150.277

95, 11.759,
324.824

87, 46.025,
149.270

85, 57.956,
148.106

84, 69.197,
146.771

83, 79.485,
145.259

83, 88.574,
143.583

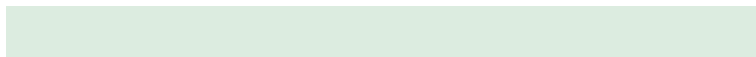
82, 96.263,
141.791

■ 82, 102.415,
139.976

Harmonies

Complementary

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



92, 8.469, 151.930



89, 8.504, 332.734

Rectangle

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



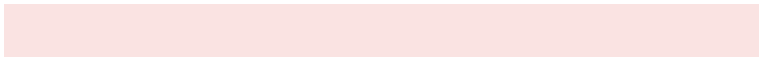
92, 8.469, 151.930



92, 8.469, 201.930



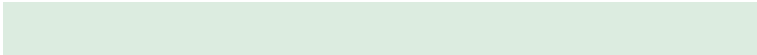
92, 8.469, 331.930



92, 8.469, 21.930

Sweetspot

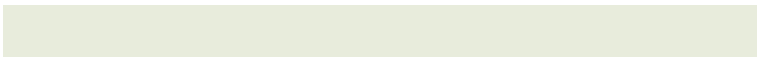
The Sweet Spot groups the original color and five complimentary colors.



92, 8.471, 151.928



100, 2.645, 152.354



93, 8.349, 118.844



53, 1.503, 152.368



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

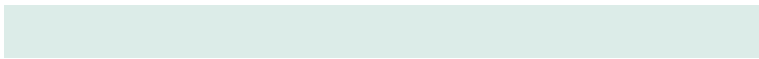
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 8.471, 151.928



98, 10.651, 151.833



92, 6.070, 177.781



48, 7.075, 151.725



64, 84.676, 139.765



18, 33.485, 143.291

Inverse Universe

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



89, 8.504, 332.734



95, 10.693, 332.824



89, 6.208, 358.862



46, 7.104, 332.925



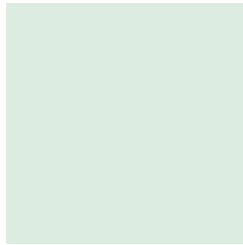
41, 73.832, 341.330



8, 32.454, 338.964

Previews

White Background



This preview shows how the CIELCh color 92, 8.469, 151.930 looks on a white background.

Color Contrast Check

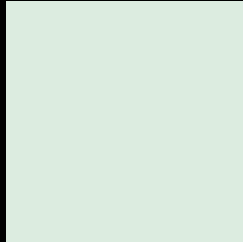
Large Text (above 18pt) WCAG AA × Fail

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, 8.469, 151.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

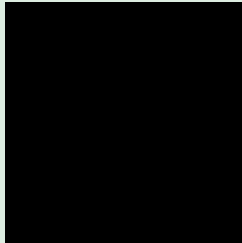
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

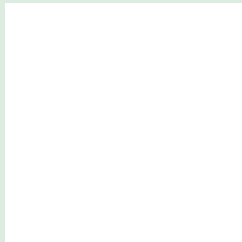
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.469, 151.930

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.469, 151.930.

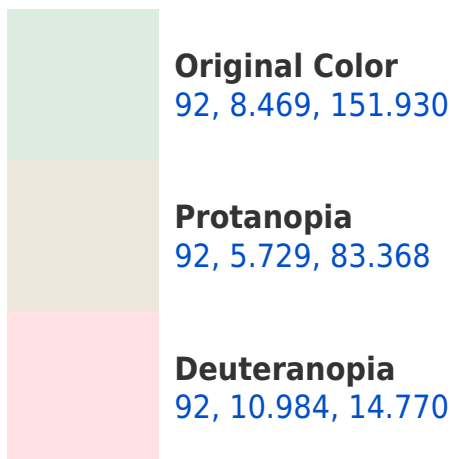


This preview shows how white text looks on a background with the CIELCh color 92, 8.469, 151.930.

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](#).

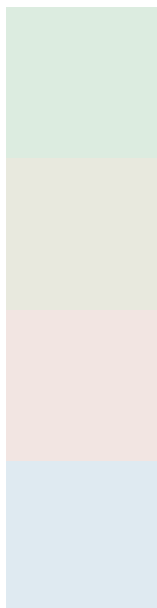
Dichromacy





Tritanopia
92, 10.149, 275.402

Trichromacy



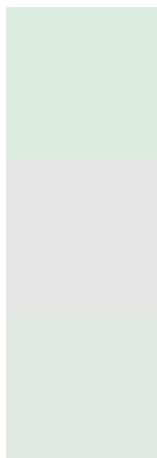
Original Color
92, 8.469, 151.930

Protanomaly
92, 5.679, 113.359

Deuteranomaly
92, 4.940, 37.818

Tritanomaly
92, 5.207, 243.442

Monochromacy



Original Color
92, 8.469, 151.930

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.985, 155.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.469, 151.930 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(220, 236, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 236, 224)  
}
```

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(220, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 236, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.469, 151.930 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(220, 236, 224) }
```

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

```
.border{ border-color:rgb(220, 236, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 236, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 236,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.469, 151.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 236, 224) }
```

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

```
.background{ background-color: rgb(220,  
236, 224) }
```

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